

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022606.D
 Acq On : 25 Oct 2024 11:14
 Operator : RC/JU
 Sample : P4415-22MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F44MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 12:46:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	116255	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	449233	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	364971	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	894191	20.000	ng/u1	-0.02
79) Chrysene-d12	21.503	240	893673	20.000	ng/u1	0.00
88) Perylene-d12	24.762	264	1040827	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3164	1.058	ng/uL	0.00
4) Pyridine-d5	3.610	84	34189	4.163	ng/u1	0.00
7) Phenol-d5	6.845	99	67628	6.911	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	38292	6.658	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.192	132	52168	7.513	ng/u1	-0.01
15) 4-Methylphenol-d8	8.351	113	53915	6.904	ng/u1	-0.01
21) Nitrobenzene-d5	8.792	128	24365	7.054	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	29382	7.347	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.039	165	72437	8.523	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.539	131	55163	5.493	ng/u1	-0.02
46) Dimethylphthalate-d6	13.675	166	249582	8.607	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	249717	8.108	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.498	143	36090	7.419	ng/u1	0.00
60) Fluorene-d10	15.269	176	226460	9.004	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.421	200	45355	7.712	ng/u1	0.00
73) Anthracene-d10	17.168	188	364085	8.655	ng/u1	0.00
81) Pyrene-d10	19.545	212	363838	7.699	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.539	264	266562	4.796	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	11291	3.510	ng/uL	98
5) Pyridine	3.622	79	44737	5.313	ng/u1	99
6) Benzaldehyde	6.810	77	14367	2.717	ng/u1	89
8) Phenol	6.869	94	119389	11.726	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	81523	10.699	ng/u1	96
12) 2-Chlorophenol	7.228	128	80571	11.221	ng/u1	95
13) 2-Methylphenol	8.092	108	75293	10.190	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	93785	10.590	ng/u1	99
16) Acetophenone	8.457	105	177592	13.774	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.439	70	74701	11.436	ng/u1	97
18) 4-Methylphenol	8.422	108	89351	10.900	ng/u1	90
19) Hexachloroethane	8.704	117	23522	7.034	ng/u1	97
22) Nitrobenzene	8.828	77	110959	10.762	ng/u1	97
23) Isophorone	9.351	82	214482	11.602	ng/u1	100
25) 2-Nitrophenol	9.528	139	50735	11.772	ng/u1	97
26) 2,4-Dimethylphenol	9.598	107	41303	4.409	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.816	93	113860	10.847	ng/u1	97
29) 2,4-Dichlorophenol	10.069	162	103182	12.328	ng/u1	98
30) Naphthalene	10.451	128	275636	11.520	ng/u1	99
32) 4-Chloroaniline	10.569	127	53133	5.360	ng/u1	99
33) Hexachlorobutadiene	10.733	225	83060	11.774	ng/u1	97
34) Caprolactam	11.351	113	32972	12.219	ng/u1	94
35) 4-Chloro-3-methylphenol	11.698	107	114582	12.547	ng/u1	97
36) 2-Methylnaphthalene	12.063	142	213241	12.141	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022606.D
 Acq On : 25 Oct 2024 11:14
 Operator : RC/JU
 Sample : P4415-22MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F44MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 12:46:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.286	142	208645	11.639	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.433	216	149257	11.060	ng/ul	94
40) Hexachlorocyclopentadiene	12.410	237	34154	4.154	ng/ul	99
41) 2,4,6-Trichlorophenol	12.686	196	105557	12.435	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	119862	13.261	ng/ul	98
43) 1,1'-Biphenyl	13.086	154	309475	11.764	ng/ul	99
44) 2-Chloronaphthalene	13.127	162	250366	11.626	ng/ul	97
45) 2-Nitroaniline	13.339	65	76819	11.946	ng/ul	96
47) Dimethylphthalate	13.727	163	363140	12.568	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	72480	13.262	ng/ul	94
50) Acenaphthylene	13.980	152	379203	11.863	ng/ul	99
51) 3-Nitroaniline	14.180	138	55856	10.881	ng/ul	90
52) Acenaphthene	14.322	153	281286	12.445	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	42160	10.484	ng/ul	94
55) 4-Nitrophenol	14.510	109	66766	12.366	ng/ul	96
56) Dibenzofuran	14.663	168	424121	12.492	ng/ul	99
57) 2,4-Dinitrotoluene	14.639	165	115554	13.606	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	109203	12.944	ng/ul	97
59) Diethylphthalate	15.110	149	363873	13.126	ng/ul	97
61) Fluorene	15.327	166	357128	12.909	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.316	204	207091	13.090	ng/ul	99
63) 4-Nitroaniline	15.345	138	65629	12.706	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.433	198	78017	12.316	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	305553	12.760	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	143937	13.348	ng/ul	97
69) Hexachlorobenzene	16.357	284	114939	8.660	ng/ul	97
70) Atrazine	16.527	200	142839	14.351	ng/ul	92
71) Pentachlorophenol	16.716	266	80238	9.402	ng/ul	96
72) Phenanthrene	17.110	178	675656	14.123	ng/ul	99
74) Anthracene	17.204	178	582017	12.191	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.057	216	143765	10.559	ng/uL	96
76) Pentachlorobenzene	14.580	250	158519	10.532	ng/uL	97
77) Carbazole	17.486	167	448788	10.624	ng/ul	99
78) Di-n-butylphthalate	18.068	149	635071	13.587	ng/ul	99
80) Fluoranthene	19.198	202	937692	17.259	ng/ul	99
82) Pyrene	19.574	202	634060	10.889	ng/ul	99
83) Butylbenzylphthalate	20.533	149	291320	14.369	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	159355	7.480	ng/ul	97
85) Benzo(a)anthracene	21.486	228	905403	14.452	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	437679	15.040	ng/ul	99
87) Chrysene	21.556	228	831539	14.314	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	686848	13.873	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	941846m	14.376	ng/ul	
91) Benzo(k)fluoranthene	23.803	252	921660	14.369	ng/ul	99
93) Benzo(a)pyrene	24.597	252	331328	5.495	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.444	276	695481m	8.643	ng/ul	
95) Dibenzo(a,h)anthracene	28.521	278	887223m	13.616	ng/ul	
96) Benzo(g,h,i)perylene	29.591	276	66727m	1.066	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

