

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022358.D
 Acq On : 14 Oct 2024 16:39
 Operator : RC/JU
 Sample : P4264-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN9MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 14 17:17:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	156436	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	603631	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	475340	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1169143	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1226029	20.000	ng/u1	0.01
88) Perylene-d12	24.868	264	1405063	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	13318	3.308	ng/uL	0.00
4) Pyridine-d5	3.634	84	155269	14.050	ng/u1	0.00
7) Phenol-d5	6.887	99	280778	21.322	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	157228	20.315	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	212301	22.721	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	209438	19.929	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	106676	22.984	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	129886	24.172	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	268369	23.499	ng/u1	0.01
31) 4-Chloroaniline-d4	10.598	131	270553	20.049	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	791658	20.962	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	911470	22.723	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	130771	20.640	ng/u1	0.00
60) Fluorene-d10	15.328	176	733809	22.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	161598	21.016	ng/u1	0.00
73) Anthracene-d10	17.216	188	1218904	22.162	ng/u1	0.01
81) Pyrene-d10	19.604	212	1544173	23.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	1713997	22.842	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	36300	8.386	ng/uL	96
5) Pyridine	3.652	79	259193	22.874	ng/u1	98
6) Benzaldehyde	6.852	77	198010	27.825	ng/u1	96
8) Phenol	6.916	94	380350	27.762	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.128	93	277021	27.017	ng/u1	97
12) 2-Chlorophenol	7.275	128	271468	28.096	ng/u1	96
13) 2-Methylphenol	8.140	108	275175	27.676	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	302794	25.409	ng/u1	98
16) Acetophenone	8.510	105	465420	26.826	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.493	70	231359	26.321	ng/u1	96
18) 4-Methylphenol	8.463	108	301471	27.332	ng/u1	98
19) Hexachloroethane	8.757	117	120921	26.872	ng/u1	100
22) Nitrobenzene	8.881	77	363886	26.266	ng/u1	98
23) Isophorone	9.404	82	662889	26.686	ng/u1	99
25) 2-Nitrophenol	9.587	139	171274	29.575	ng/u1	93
26) 2,4-Dimethylphenol	9.651	107	324349	25.768	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.875	93	377157	26.741	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	330229	29.362	ng/u1	99
30) Naphthalene	10.510	128	931919	28.986	ng/u1	99
32) 4-Chloroaniline	10.616	127	282596	21.214	ng/u1	97
33) Hexachlorobutadiene	10.787	225	255908	26.997	ng/u1	99
34) Caprolactam	11.404	113	101755m	28.064	ng/u1	
35) 4-Chloro-3-methylphenol	11.745	107	352615	28.736	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	666266	28.231	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	667721	27.720	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	494680	28.145	ng/ul	96
40) Hexachlorocyclopentadiene	12.463	237	181988	16.995	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	310814	28.114	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	344986	29.306	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	962947	28.105	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	790378	28.180	ng/ul	99
45) 2-Nitroaniline	13.386	65	233371	27.866	ng/ul	94
47) Dimethylphthalate	13.763	163	1004358	26.688	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	218709	30.725	ng/ul	95
50) Acenaphthylene	14.034	152	1181267	28.375	ng/ul	99
51) 3-Nitroaniline	14.228	138	197841	29.592	ng/ul	97
52) Acenaphthene	14.381	153	813406	27.631	ng/ul	99
53) 2,4-Dinitrophenol	14.433	184	147068	28.081	ng/ul	99
55) 4-Nitrophenol	14.557	109	192122	27.321	ng/ul	96
56) Dibenzofuran	14.722	168	1226967	27.747	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	330600	29.889	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.963	232	313905	28.568	ng/ul	98
59) Diethylphthalate	15.145	149	980480	27.157	ng/ul	99
61) Fluorene	15.386	166	1021994	28.365	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.380	204	569265	27.628	ng/ul	99
63) 4-Nitroaniline	15.410	138	222432	33.064	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.463	198	230174	27.791	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	868383	27.736	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	400567	28.411	ng/ul	98
69) Hexachlorobenzene	16.410	284	490300	28.252	ng/ul	98
70) Atrazine	16.575	200	265410	20.394	ng/ul	94
71) Pentachlorophenol	16.769	266	311093	27.879	ng/ul	97
72) Phenanthrene	17.163	178	1762516	28.178	ng/ul	99
74) Anthracene	17.251	178	1761643	28.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	483483	27.160	ng/ul	97
76) Pentachlorobenzene	14.645	250	522040	26.528	ng/ul	99
77) Carbazole	17.539	167	1554695	28.148	ng/ul	99
78) Di-n-butylphthalate	18.127	149	1708197	27.951	ng/ul	99
80) Fluoranthene	19.257	202	2342376	31.426	ng/ul	99
82) Pyrene	19.633	202	2450411	30.674	ng/ul	99
83) Butylbenzylphthalate	20.580	149	828874	29.801	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	644228	22.043	ng/ul	99
85) Benzo(a)anthracene	21.545	228	2471526	28.756	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.474	149	1167599	29.246	ng/ul	99
87) Chrysene	21.610	228	2352265	29.516	ng/ul	100
89) Di-n-octyl phthalate	22.727	149	1956516	29.274	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	2687750	30.389	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	2560867	29.574	ng/ul	100
93) Benzo(a)pyrene	24.727	252	2295978	28.206	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.615	276	3125763	28.776	ng/ul	98
95) Dibenzo(a,h)anthracene	28.697	278	2508199	28.515	ng/ul	99
96) Benzo(g,h,i)perylene	29.786	276	2393087	28.324	ng/ul	100

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

