

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022628.D
 Acq On : 26 Oct 2024 02:47
 Operator : RC/JU
 Sample : P4436-18MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F40MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 26 03:59:31 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	7.652	152	97807	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	376767	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	288159	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	710716	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	767885	20.000	ng/u1	0.01
88) Perylene-d12	24.786	264	897069	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4641	1.844	ng/uL	-0.02
4) Pyridine-d5	3.599	84	58016	8.397	ng/u1	-0.01
7) Phenol-d5	6.846	99	90663	11.012	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	52618	10.874	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	68259	11.684	ng/u1	-0.01
15) 4-Methylphenol-d8	8.358	113	69183	10.529	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	34571	11.934	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.505	143	41316	12.319	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	90575	12.706	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	60317	7.161	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	280199	12.238	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	301862	12.414	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	43146	11.233	ng/u1	0.01
60) Fluorene-d10	15.287	176	261292	13.158	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	46928	10.040	ng/u1	0.00
73) Anthracene-d10	17.175	188	427617	12.790	ng/u1	0.00
81) Pyrene-d10	19.569	212	446480	10.995	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.563	264	349869	7.303	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	12865	4.754	ng/uL	98
5) Pyridine	3.617	79	64242	9.068	ng/u1	94
6) Benzaldehyde	6.811	77	15458	3.474	ng/u1	88
8) Phenol	6.869	94	136651	15.953	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.081	93	89680	13.989	ng/u1	99
12) 2-Chlorophenol	7.222	128	91876	15.209	ng/u1	95
13) 2-Methylphenol	8.099	108	86586	13.929	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.158	45	104129	13.976	ng/u1	98
16) Acetophenone	8.458	105	195311	18.006	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.440	70	80664	14.678	ng/u1	97
18) 4-Methylphenol	8.422	108	97418	14.126	ng/u1	96
19) Hexachloroethane	8.705	117	30557	10.861	ng/u1	97
22) Nitrobenzene	8.828	77	126742	14.657	ng/u1	98
23) Isophorone	9.358	82	225801	14.564	ng/u1	98
25) 2-Nitrophenol	9.540	139	56238	15.558	ng/u1	95
26) 2,4-Dimethylphenol	9.605	107	52708	6.709	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.828	93	125925	14.304	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	114205	16.269	ng/u1	100
30) Naphthalene	10.457	128	308625	15.379	ng/u1	98
32) 4-Chloroaniline	10.575	127	61490	7.396	ng/u1	97
33) Hexachlorobutadiene	10.734	225	93109	15.737	ng/u1	100
34) Caprolactam	11.352	113	33630m	14.860	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	122976	16.056	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	232275	15.768	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	228822	15.219	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	166283	15.606	ng/ul	95
40) Hexachlorocyclopentadiene	12.410	237	35008	5.393	ng/ul	100
41) 2,4,6-Trichlorophenol	12.687	196	110011	16.414	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	123491	17.305	ng/ul	100
43) 1,1'-Biphenyl	13.087	154	334256	16.093	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	272158	16.007	ng/ul	98
45) 2-Nitroaniline	13.351	65	77542	15.273	ng/ul	96
47) Dimethylphthalate	13.722	163	364196	15.964	ng/ul	99
48) 2,6-Dinitrotoluene	13.846	165	73812	17.105	ng/ul	92
50) Acenaphthylene	13.993	152	399604	15.834	ng/ul	99
51) 3-Nitroaniline	14.187	138	55966	13.809	ng/ul	99
52) Acenaphthene	14.346	153	293918	16.470	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	37167	11.707	ng/ul	96
55) 4-Nitrophenol	14.528	109	68915	16.166	ng/ul	94
56) Dibenzofuran	14.687	168	438975	16.375	ng/ul	100
57) 2,4-Dinitrotoluene	14.663	165	113642	16.948	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.922	232	113595	17.054	ng/ul	97
59) Diethylphthalate	15.104	149	350340	16.007	ng/ul	99
61) Fluorene	15.345	166	354468	16.229	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.340	204	201257	16.113	ng/ul	98
63) 4-Nitroaniline	15.381	138	69919m	17.144	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	65100	12.930	ng/ul	97
67) N-Nitrosodiphenylamine	15.557	169	304593	16.004	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	147321	17.189	ng/ul	97
69) Hexachlorobenzene	16.375	284	126349	11.977	ng/ul	96
70) Atrazine	16.534	200	132197	16.710	ng/ul	96
71) Pentachlorophenol	16.734	266	95172	14.030	ng/ul	98
72) Phenanthrene	17.116	178	700068	18.411	ng/ul	99
74) Anthracene	17.210	178	614036	16.182	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	158120	14.612	ng/uL	98
76) Pentachlorobenzene	14.604	250	166263	13.898	ng/uL	98
77) Carbazole	17.498	167	503278	14.989	ng/ul	98
78) Di-n-butylphthalate	18.086	149	615234	16.560	ng/ul	100
80) Fluoranthene	19.222	202	995176	21.318	ng/ul	98
82) Pyrene	19.598	202	723995	14.470	ng/ul	96
83) Butylbenzylphthalate	20.545	149	298708	17.147	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.416	252	161288	8.811	ng/ul	100
85) Benzo(a)anthracene	21.492	228	958230	17.801	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	434452	17.375	ng/ul	98
87) Chrysene	21.557	228	909789	18.227	ng/ul	99
89) Di-n-octyl phthalate	22.669	149	700502	16.417	ng/ul	100
90) Benzo(b)fluoranthene	23.757	252	1040006	18.418	ng/ul#	98
91) Benzo(k)fluoranthene	23.816	252	971034	17.564	ng/ul	99
93) Benzo(a)pyrene	24.627	252	405908	7.810	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.486	276	807973m	11.650	ng/ul	
95) Dibenzo(a,h)anthracene	28.562	278	952526m	16.961	ng/ul	
96) Benzo(g,h,i)perylene	29.639	276	69230	1.283	ng/ul	98

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

