

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022963.D
 Acq On : 09 Nov 2024 12:31
 Operator : RC/JU
 Sample : P4744-19MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCP72MSD

Quant Time: Nov 09 23:01:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 08 23:49:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	113810	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	457809	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.204	164	369890	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.010	188	881004	20.000	ng/u1	-0.02
79) Chrysene-d12	21.457	240	906139	20.000	ng/u1	0.00
88) Perylene-d12	24.674	264	1087132	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	7894	3.334	ng/uL	0.00
4) Pyridine-d5	3.563	84	59368	8.439	ng/u1	0.00
7) Phenol-d5	6.799	99	66193	7.867	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	128518	25.997	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	164692	26.725	ng/u1	0.00
15) 4-Methylphenol-d8	8.304	113	137047	19.792	ng/u1	0.00
21) Nitrobenzene-d5	8.734	128	93120	29.217	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	121226	31.905	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	268745	33.774	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.493	131	200349	21.105	ng/u1	0.00
46) Dimethylphthalate-d6	13.628	166	868885	32.592	ng/u1	0.01
49) Acenaphthylene-d8	13.898	160	875866	31.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	32124	8.018	ng/u1	0.00
60) Fluorene-d10	15.216	176	757910	32.426	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.381	200	194440	36.842	ng/u1	0.01
73) Anthracene-d10	17.122	188	1277712	34.253	ng/u1	0.00
81) Pyrene-d10	19.504	212	1517793	36.365	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	1784297	34.456	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	9843	3.598	ng/uL	86
5) Pyridine	3.581	79	59946	8.485	ng/u1	95
6) Benzaldehyde	6.757	77	94838	19.586	ng/u1	92
8) Phenol	6.822	94	76795	8.740	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.028	93	178624	27.053	ng/u1	94
12) 2-Chlorophenol	7.175	128	170055	26.580	ng/u1	99
13) 2-Methylphenol	8.040	108	145931	22.249	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.099	45	192972	25.817	ng/u1	96
16) Acetophenone	8.404	105	336486	28.919	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.387	70	165115	28.420	ng/u1	97
18) 4-Methylphenol	8.369	108	144646	19.966	ng/u1	99
19) Hexachloroethane	8.646	117	61640	19.921	ng/u1	88
22) Nitrobenzene	8.775	77	248692	27.194	ng/u1	96
23) Isophorone	9.298	82	491806	30.076	ng/u1	99
25) 2-Nitrophenol	9.475	139	124114	30.947	ng/u1	89
26) 2,4-Dimethylphenol	9.546	107	257730	29.760	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.769	93	265539	29.513	ng/u1	98
29) 2,4-Dichlorophenol	10.010	162	262850	33.350	ng/u1	98
30) Naphthalene	10.393	128	598755	26.921	ng/u1	99
32) 4-Chloroaniline	10.516	127	199851	21.730	ng/u1	100
33) Hexachlorobutadiene	10.663	225	177030	24.823	ng/u1	99
34) Caprolactam	11.328	113	15687m	6.691	ng/u1	
35) 4-Chloro-3-methylphenol	11.645	107	266396	31.418	ng/u1	99
36) 2-Methylnaphthalene	12.004	142	486708	28.986	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	485646	28.292	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.375	216	385207	30.847	ng/ul	96
40) Hexachlorocyclopentadiene	12.345	237	163381	24.909	ng/ul	98
41) 2,4,6-Trichlorophenol	12.634	196	274345	36.079	ng/ul	99
42) 2,4,5-Trichlorophenol	12.710	196	307759	37.543	ng/ul	97
43) 1,1'-Biphenyl	13.028	154	728799	30.749	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	604558	31.203	ng/ul	98
45) 2-Nitroaniline	13.298	65	177563	32.639	ng/ul#	86
47) Dimethylphthalate	13.669	163	847223	32.224	ng/ul	99
48) 2,6-Dinitrotoluene	13.786	165	177130	34.635	ng/ul	95
50) Acenaphthylene	13.928	152	877880	31.221	ng/ul	99
51) 3-Nitroaniline	14.128	138	132493	30.079	ng/ul#	87
52) Acenaphthene	14.275	153	643282	31.512	ng/ul	98
53) 2,4-Dinitrophenol	14.369	184	131022	36.106	ng/ul#	89
55) 4-Nitrophenol	14.486	109	34672	7.397	ng/ul	96
56) Dibenzofuran	14.622	168	990945	31.419	ng/ul	99
57) 2,4-Dinitrotoluene	14.604	165	273650	33.573	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.857	232	285419	35.619	ng/ul#	93
59) Diethylphthalate	15.057	149	832792	32.028	ng/ul	99
61) Fluorene	15.275	166	820168	31.771	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	491140	32.312	ng/ul	96
63) 4-Nitroaniline	15.328	138	125766	30.684	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.392	198	202579	35.933	ng/ul#	95
67) N-Nitrosodiphenylamine	15.492	169	719555	35.346	ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	367294	36.816	ng/ul	96
69) Hexachlorobenzene	16.328	284	6256m	0.498	ng/ul	
70) Atrazine	16.486	200	226407	23.007	ng/ul	99
71) Pentachlorophenol	16.663	266	291306	37.360	ng/ul	96
72) Phenanthrene	17.057	178	1382288	33.231	ng/ul	100
74) Anthracene	17.157	178	1374092	32.856	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.992	216	392903	33.778	ng/uL	99
76) Pentachlorobenzene	14.528	250	465673	35.061	ng/uL	97
77) Carbazole	17.439	167	1188004	32.559	ng/ul	99
78) Di-n-butylphthalate	18.016	149	1378424	34.043	ng/ul	99
80) Fluoranthene	19.151	202	1749566	36.386	ng/ul	98
82) Pyrene	19.533	202	1795234	34.754	ng/ul	99
83) Butylbenzylphthalate	20.486	149	617183	36.290	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.368	252	23729	1.167	ng/ul#	97
85) Benzo(a)anthracene	21.433	228	1881432	34.004	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	865982	35.832	ng/ul	99
87) Chrysene	21.504	228	1731001	33.249	ng/ul	100
89) Di-n-octyl phthalate	22.586	149	1462959	33.170	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	2037158	33.667	ng/ul	99
91) Benzo(k)fluoranthene	23.727	252	1986503	33.349	ng/ul	99
93) Benzo(a)pyrene	24.515	252	1841686	33.669	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.333	276	2617053m	34.340	ng/ul	
95) Dibenzo(a,h)anthracene	28.403	278	2120262m	34.265	ng/ul	
96) Benzo(g,h,i)perylene	29.450	276	2006894	34.671	ng/ul	99

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

