

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022744.D
 Acq On : 30 Oct 2024 20:31
 Operator : RC/JU
 Sample : P4493-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F31MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 22:42:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	84246	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	322346	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	251287	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	617510	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	654242	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	772859m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	7114	3.281	ng/uL	0.00
4) Pyridine-d5	3.593	84	100874	16.949	ng/u1	0.00
7) Phenol-d5	6.828	99	156902	22.125	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	87593	21.015	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	121560	24.158	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	133215	23.539	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	60015	24.214	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	73394	25.577	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	157459	25.818	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	147166	20.421	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	477941	23.939	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	513586	24.220	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	70223	20.966	ng/u1	0.00
60) Fluorene-d10	15.275	176	431755	24.932	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	75335	18.550	ng/u1	0.02
73) Anthracene-d10	17.163	188	729691	25.119	ng/u1	0.00
81) Pyrene-d10	19.551	212	890648	25.743	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1062709	25.747	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	23535	10.096	ng/uL	97
5) Pyridine	3.611	79	169100	27.710	ng/u1	98
6) Benzaldehyde	6.799	77	20306	5.299	ng/u1	95
8) Phenol	6.858	94	243800	33.044	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.075	93	170004	30.788	ng/u1	97
12) 2-Chlorophenol	7.211	128	174420	33.520	ng/u1	97
13) 2-Methylphenol	8.081	108	175391	32.756	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.146	45	191116	29.781	ng/u1	99
16) Acetophenone	8.446	105	285097	30.514	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.428	70	147857	31.235	ng/u1	97
18) 4-Methylphenol	8.405	108	192695	32.440	ng/u1	96
19) Hexachloroethane	8.693	117	78014	32.193	ng/u1	95
22) Nitrobenzene	8.822	77	232807	31.468	ng/u1	98
23) Isophorone	9.340	82	412099	31.067	ng/u1	97
25) 2-Nitrophenol	9.522	139	106518	34.444	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	216017	32.137	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.810	93	233625	31.019	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	212156	35.325	ng/u1	99
30) Naphthalene	10.440	128	568941	33.138	ng/u1	98
32) 4-Chloroaniline	10.557	127	161527	22.707	ng/u1	98
33) Hexachlorobutadiene	10.722	225	170199	33.624	ng/u1	97
34) Caprolactam	11.352	113	60457m	31.224	ng/u1	
35) 4-Chloro-3-methylphenol	11.699	107	226634	34.586	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	418860	33.235	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	417236	32.436	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	310352	33.402	ng/ul	98
40) Hexachlorocyclopentadiene	12.399	237	76016	13.428	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	201335	34.448	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	221680	35.622	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	604877	33.395	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	492723	33.231	ng/ul	98
45) 2-Nitroaniline	13.334	65	148295	33.495	ng/ul	99
47) Dimethylphthalate	13.710	163	623376	31.334	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	132921	35.323	ng/ul	96
50) Acenaphthylene	13.975	152	713401	32.416	ng/ul	100
51) 3-Nitroaniline	14.181	138	114029	32.264	ng/ul	97
52) Acenaphthene	14.316	153	519331	33.371	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	65960	23.824	ng/ul	98
55) 4-Nitrophenol	14.516	109	119088	32.035	ng/ul	96
56) Dibenzofuran	14.663	168	769391	32.913	ng/ul	99
57) 2,4-Dinitrotoluene	14.640	165	200148	34.229	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	205506	35.379	ng/ul	99
59) Diethylphthalate	15.104	149	618273	32.393	ng/ul	99
61) Fluorene	15.328	166	629662	33.058	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	357734	32.843	ng/ul	99
63) 4-Nitroaniline	15.357	138	130242	36.622	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.440	198	116576	26.649	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	543364	32.859	ng/ul	99
68) 4-Bromophenyl-phenylether	16.240	248	254775	34.213	ng/ul	98
69) Hexachlorobenzene	16.351	284	314968	34.362	ng/ul	95
70) Atrazine	16.522	200	234259	34.080	ng/ul	97
71) Pentachlorophenol	16.710	266	201760	34.233	ng/ul	97
72) Phenanthrene	17.104	178	1124610	34.041	ng/ul	100
74) Anthracene	17.198	178	1077049	32.668	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	310530	33.027	ng/ul	98
76) Pentachlorobenzene	14.581	250	339175	32.632	ng/ul	99
77) Carbazole	17.475	167	950341	32.577	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1033668	32.023	ng/ul	99
80) Fluoranthene	19.204	202	1477173	37.139	ng/ul	99
82) Pyrene	19.581	202	1526317	35.804	ng/ul	98
83) Butylbenzylphthalate	20.528	149	511709	34.477	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.410	252	365009	23.405	ng/ul	98
85) Benzo(a)anthracene	21.480	228	1538166	33.537	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	704750	33.080	ng/ul	99
87) Chrysene	21.551	228	1462482	34.389	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1200690	32.661	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1679763	34.528	ng/ul	98
91) Benzo(k)fluoranthene	23.798	252	1585572	33.289	ng/ul	99
93) Benzo(a)pyrene	24.604	252	1489071	33.258	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	2033089m	34.027	ng/ul	
95) Dibenzo(a,h)anthracene	28.527	278	1625359	33.594	ng/ul#	98
96) Benzo(g,h,i)perylene	29.598	276	1556852m	33.499	ng/ul	

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

