

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022739.D
 Acq On : 30 Oct 2024 17:08
 Operator : RC/JU
 Sample : P4492-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F29MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 17:01:44 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	7.640	152	96161	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	382830	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	303122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	756522	20.000	ng/u1	0.01
79) Chrysene-d12	21.510	240	793162	20.000	ng/u1	0.01
88) Perylene-d12	24.763	264	932557	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	9839	3.976	ng/uL	0.00
4) Pyridine-d5	3.587	84	138074	20.325	ng/u1	0.00
7) Phenol-d5	6.828	99	214993	26.560	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	116640	24.517	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	159889	27.838	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	180542	27.948	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	78635	26.714	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	97466	28.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	215735	29.785	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	187807	21.944	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	655628	27.223	ng/u1	0.01
49) Acenaphthylene-d8	13.945	160	695862	27.204	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	100220	24.805	ng/u1	-0.01
60) Fluorene-d10	15.275	176	585908	28.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	130644	26.257	ng/u1	0.02
73) Anthracene-d10	17.175	188	994451	27.943	ng/u1	0.00
81) Pyrene-d10	19.551	212	1268457	30.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	1495064m	30.019	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	31951	12.009	ng/uL	97
5) Pyridine	3.605	79	236315	33.927	ng/u1	99
6) Benzaldehyde	6.799	77	32177	7.356	ng/u1	94
8) Phenol	6.858	94	345942	41.078	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	236890	37.585	ng/u1	98
12) 2-Chlorophenol	7.211	128	245298	41.300	ng/u1	98
13) 2-Methylphenol	8.081	108	243103	39.776	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	272905	37.256	ng/u1	98
16) Acetophenone	8.446	105	404130	37.894	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	207822	38.463	ng/u1	99
18) 4-Methylphenol	8.405	108	271242	40.005	ng/u1	96
19) Hexachloroethane	8.687	117	106987	38.678	ng/u1	96
22) Nitrobenzene	8.822	77	327456	37.268	ng/u1	98
23) Isophorone	9.334	82	581972	36.942	ng/u1	99
25) 2-Nitrophenol	9.522	139	148539	40.443	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	293900	36.816	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	327961	36.664	ng/u1	98
29) 2,4-Dichlorophenol	10.052	162	297362	41.690	ng/u1	99
30) Naphthalene	10.440	128	784348	38.466	ng/u1	99
32) 4-Chloroaniline	10.563	127	193117	22.859	ng/u1	100
33) Hexachlorobutadiene	10.722	225	240559	40.015	ng/u1	98
34) Caprolactam	11.351	113	86899m	37.790	ng/u1	
35) 4-Chloro-3-methylphenol	11.699	107	323033	41.509	ng/u1	98
36) 2-Methylnaphthalene	12.051	142	595486	39.785	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	586965	38.421	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	447920	39.964	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	151060	22.121	ng/ul	100
41) 2,4,6-Trichlorophenol	12.687	196	293192	41.587	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	316168	42.117	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	848043	38.814	ng/ul	100
44) 2-Chloronaphthalene	13.122	162	695557	38.889	ng/ul	99
45) 2-Nitroaniline	13.351	65	210435	39.403	ng/ul	95
47) Dimethylphthalate	13.722	163	911653	37.988	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	189398	41.725	ng/ul	99
50) Acenaphthylene	13.981	152	1011631	38.106	ng/ul	99
51) 3-Nitroaniline	14.181	138	164748	38.643	ng/ul	99
52) Acenaphthene	14.340	153	721251	38.420	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	119162	35.680	ng/ul	92
55) 4-Nitrophenol	14.522	109	179403	40.007	ng/ul	91
56) Dibenzofuran	14.681	168	1097725	38.928	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	287951	40.823	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	293959	41.953	ng/ul#	95
59) Diethylphthalate	15.104	149	907863	39.432	ng/ul	98
61) Fluorene	15.334	166	903444	39.320	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	517181	39.362	ng/ul	98
63) 4-Nitroaniline	15.381	138	188462m	43.931	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.439	198	193687	36.140	ng/ul	100
67) N-Nitrosodiphenylamine	15.545	169	768866	37.952	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	369356	40.486	ng/ul	97
69) Hexachlorobenzene	16.369	284	449526	40.031	ng/ul	97
70) Atrazine	16.528	200	349559	41.510	ng/ul	95
71) Pentachlorophenol	16.722	266	291900	40.427	ng/ul	97
72) Phenanthrene	17.122	178	1553888	38.392	ng/ul	99
74) Anthracene	17.216	178	1523725	37.724	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.046	216	439374	38.144	ng/uL	96
76) Pentachlorobenzene	14.587	250	483267	37.951	ng/uL	97
77) Carbazole	17.498	167	1339304	37.474	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1537128	38.870	ng/ul	100
80) Fluoranthene	19.198	202	2135738	44.292	ng/ul	98
82) Pyrene	19.580	202	2172762	42.041	ng/ul	96
83) Butylbenzylphthalate	20.533	149	751217	41.749	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	593246	31.377	ng/ul	97
85) Benzo(a)anthracene	21.486	228	2222324	39.967	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1053425	40.786	ng/ul	99
87) Chrysene	21.557	228	2044189	39.649	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1799145	40.559	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	2478738	42.227	ng/ul#	99
91) Benzo(k)fluoranthene	23.810	252	2286467	39.784	ng/ul#	98
93) Benzo(a)pyrene	24.621	252	2175668	40.271	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.480	276	2899102	40.212	ng/ul	98
95) Dibenzo(a,h)anthracene	28.545	278	2307257	39.521	ng/ul	98
96) Benzo(g,h,i)perylene	29.615	276	2233616	39.831	ng/ul	99

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

