

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021107.D
 Acq On : 23 Jul 2024 20:49
 Operator : MA/JU
 Sample : P3238-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE6MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 05:32:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	192187	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	772966	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	512318	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	1111121	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1081174	20.000	ng/u1	0.00
88) Perylene-d12	24.909	264	1410234	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	14347	3.397	ng/uL	0.00
4) Pyridine-d5	3.611	84	111749	9.140	ng/u1	0.00
7) Phenol-d5	6.881	99	338408	21.598	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	188658	19.868	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	274288	21.247	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	262221	20.150	ng/u1	0.01
21) Nitrobenzene-d5	8.828	128	135420	22.556	ng/u1	0.01
24) 2-Nitrophenol-d4	9.540	143	160385	23.340	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.081	165	301301	24.249	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	189045	11.484	ng/u1	0.02
46) Dimethylphthalate-d6	13.710	166	833179	22.372	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	961096	22.983	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	190177m	35.890	ng/u1	0.00
60) Fluorene-d10	15.322	176	750997	24.580	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	118184	17.579	ng/u1	0.01
73) Anthracene-d10	17.233	188	1190559	24.125	ng/u1	0.01
81) Pyrene-d10	19.616	212	1235377	18.482	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.686	264	1111581	15.982	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	40453	8.709	ng/uL	98
5) Pyridine	3.628	79	179954	14.269	ng/u1	97
6) Benzaldehyde	6.834	77	209691	26.546	ng/u1	97
8) Phenol	6.904	94	436349	27.521	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.110	93	311044	23.748	ng/u1	98
12) 2-Chlorophenol	7.252	128	342519	26.473	ng/u1	99
13) 2-Methylphenol	8.128	108	324385	26.455	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	431948	22.827	ng/u1	98
16) Acetophenone	8.487	105	518695	25.825	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	246098	23.385	ng/u1	98
18) 4-Methylphenol	8.463	108	354115	26.957	ng/u1	100
19) Hexachloroethane	8.716	117	102844	17.688	ng/u1	98
22) Nitrobenzene	8.869	77	377523	26.250	ng/u1	98
23) Isophorone	9.387	82	702145	24.558	ng/u1	100
25) 2-Nitrophenol	9.575	139	198917	27.756	ng/u1	98
26) 2,4-Dimethylphenol	9.640	107	341853	24.190	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	414141	23.830	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	349957	28.578	ng/u1	99
30) Naphthalene	10.487	128	1349288	33.186	ng/u1	100
32) 4-Chloroaniline	10.628	127	228426	14.532	ng/u1	98
33) Hexachlorobutadiene	10.751	225	233956	25.480	ng/u1	98
34) Caprolactam	11.434	113	115899m	30.723	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	395740	29.731	ng/u1	97
36) 2-Methylnaphthalene	12.104	142	844101	30.244	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	845295	29.448	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	438817	26.374	ng/ul	99
40) Hexachlorocyclopentadiene	12.439	237	40949	4.705	ng/ul	96
41) 2,4,6-Trichlorophenol	12.739	196	295474	28.105	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	324995	29.217	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	1034836	27.639	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	804168	26.904	ng/ul	100
45) 2-Nitroaniline	13.398	65	250597	30.317	ng/ul	98
47) Dimethylphthalate	13.763	163	983770	26.033	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	217358	28.770	ng/ul	99
50) Acenaphthylene	14.028	152	1355389	28.626	ng/ul	100
51) 3-Nitroaniline	14.245	138	187912	28.582	ng/ul	97
52) Acenaphthene	14.375	153	1262698	40.180	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	79939	20.148	ng/ul	97
55) 4-Nitrophenol	14.604	109	161549	37.479	ng/ul	94
56) Dibenzofuran	14.716	168	1613801	37.500	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	326643	31.495	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.963	232	273124	28.674	ng/ul	97
59) Diethylphthalate	15.145	149	993031	26.294	ng/ul	100
61) Fluorene	15.381	166	1490282	42.437	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	504314	26.465	ng/ul	95
63) 4-Nitroaniline	15.439	138	203417	37.362	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.504	198	151554	21.258	ng/ul	97
67) N-Nitrosodiphenylamine	15.592	169	871960	26.949	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	339187	26.044	ng/ul	97
69) Hexachlorobenzene	16.410	284	319142	21.372	ng/ul	98
70) Atrazine	16.586	200	249230	21.135	ng/ul	100
71) Pentachlorophenol	16.786	266	201292	24.819	ng/ul	97
72) Phenanthrene	17.180	178	10626075	184.351	ng/ul	98
74) Anthracene	17.269	178	3697061	62.915	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.092	216	424635	23.877	ng/uL	100
76) Pentachlorobenzene	14.633	250	421220	23.836	ng/uL	99
77) Carbazole	17.557	167	2330806	48.522	ng/ul	100
78) Di-n-butylphthalate	18.127	149	1802867	27.203	ng/ul	99
80) Fluoranthene	19.274	202	13554022	167.909	ng/ul	99
82) Pyrene	19.651	202	9868172	120.135	ng/ul	96
83) Butylbenzylphthalate	20.580	149	878653	25.673	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	242535	9.817	ng/ul	99
85) Benzo(a)anthracene	21.563	228	7881083	104.059	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	1444154	29.322	ng/ul#	98
87) Chrysene	21.633	228	7605168	108.065	ng/ul	96
89) Di-n-octyl phthalate	22.715	149	2251856	24.172	ng/ul	100
90) Benzo(b)fluoranthene	23.868	252	9276910	108.401	ng/ul	98
91) Benzo(k)fluoranthene	23.933	252	5121848	59.970	ng/ul	97
93) Benzo(a)pyrene	24.756	252	3874043	47.904	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.715	276	4657826m	44.696	ng/ul	
95) Dibenzo(a,h)anthracene	28.762	278	3227571	37.402	ng/ul	98
96) Benzo(g,h,i)perylene	29.886	276	587298m	6.920	ng/ul	

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

