

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012859.D
 Acq On : 29 Nov 2022 19:12
 Operator : CG/JU
 Sample : N5725-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHB55

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2022
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 29 22:58:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 29 22:53:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	507909	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2303952	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1573102	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3481150	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	3515961	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	3311801	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	65960	5.565	ng/uL	0.00
4) Pyridine-d5	3.822	84	239311	6.747	ng/u1	0.00
7) Phenol-d5	7.158	99	373399	8.947	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	882071	34.298	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	809141	25.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	586121	17.430	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	544207	38.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	495978	33.125	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	987177	28.256	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	790060	16.514	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	4038236	37.295	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	4406907	34.881	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	146569	7.592	ng/u1	0.00
60) Fluorene-d10	15.639	176	3662616	38.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	420681	25.284	ng/u1	0.00
73) Anthracene-d10	17.504	188	6208893	40.518	ng/u1	0.00
81) Pyrene-d10	19.727	212	7238619	35.432	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	6651504	40.889	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	17942	1.409	ng/uL#	92
5) Pyridine	3.846	79	106528	3.069	ng/u1#	82
6) Benzaldehyde	7.146	77	67169	3.296	ng/u1	95
8) Phenol	7.187	94	134230	3.067	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.428	93	114064	3.181	ng/u1	94
12) 2-Chlorophenol	7.569	128	109584	3.168	ng/u1	97
13) 2-Methylphenol	8.452	108	93029	2.735	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.546	45	165438	3.199	ng/u1	98
16) Acetophenone	8.840	105	197305	3.702	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	80274	3.057	ng/u1	98
18) 4-Methylphenol	8.775	108	112932	3.015	ng/u1	99
19) Hexachloroethane	9.105	117	40917	3.084	ng/u1	98
22) Nitrobenzene	9.222	77	126747	3.427	ng/u1	97
23) Isophorone	9.746	82	220365	2.703	ng/u1	100
25) 2-Nitrophenol	9.934	139	61040	3.396	ng/u1	94
26) 2,4-Dimethylphenol	9.987	107	121649	3.046	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.234	93	160076	3.202	ng/u1	98
29) 2,4-Dichlorophenol	10.469	162	114491	3.163	ng/u1	93
30) Naphthalene	10.881	128	403512	3.345	ng/u1	98
32) 4-Chloroaniline	10.987	127	145661	2.965	ng/u1	97
33) Hexachlorobutadiene	11.163	225	77006	3.194	ng/u1	98
34) Caprolactam	11.751	113	26919	2.422	ng/u1	96
35) 4-Chloro-3-methylphenol	12.093	107	106162	2.897	ng/u1	97
36) 2-Methylnaphthalene	12.481	142	267454	3.219	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	271717	3.263	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.845	216	157226	3.134	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	59070	2.444	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	84179	2.682	ng/ul	97
42) 2,4,5-Trichlorophenol	13.145	196	91836	2.722	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	374355	3.267	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	293604	3.203	ng/ul	97
45) 2-Nitroaniline	13.722	65	52962	2.953	ng/ul	88
47) Dimethylphthalate	14.098	163	379392	3.343	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	42779	2.408	ng/ul#	87
50) Acenaphthylene	14.369	152	457778	3.314	ng/ul	99
51) 3-Nitroaniline	14.545	138	42481	2.065	ng/ul#	91
52) Acenaphthene	14.710	153	330593	3.399	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	19631	1.720	ng/ul#	84
55) 4-Nitrophenol	14.839	109	38944	2.777	ng/ul	93
56) Dibenzofuran	15.045	168	473745	3.534	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	69236	2.641	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.269	232	79852	2.746	ng/ul	98
59) Diethylphthalate	15.463	149	349024	3.177	ng/ul	99
61) Fluorene	15.692	166	374870	3.487	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	191700	3.437	ng/ul	99
63) 4-Nitroaniline	15.704	138	44966m	2.565	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.763	198	53651	3.004	ng/ul#	81
67) N-Nitrosodiphenylamine	15.898	169	301583	3.048	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	108128	3.156	ng/ul	97
69) Hexachlorobenzene	16.698	284	134908	3.089	ng/ul	99
70) Atrazine	16.851	200	45854	1.351	ng/ul	99
71) Pentachlorophenol	17.045	266	58923	2.197	ng/ul	98
72) Phenanthrene	17.445	178	615137	3.316	ng/ul	99
74) Anthracene	17.533	178	613116	3.340	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	157306	2.923	ng/uL	98
76) Pentachlorobenzene	14.963	250	157268	2.811	ng/uL	99
77) Carbazole	17.798	167	515136	3.318	ng/ul	99
78) Di-n-butylphthalate	18.345	149	576770	3.138	ng/ul	99
80) Fluoranthene	19.398	202	689028	2.711	ng/ul	100
82) Pyrene	19.757	202	773972	2.945	ng/ul	98
83) Butylbenzylphthalate	20.622	149	184787	3.005	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	112997	1.750	ng/ul#	97
85) Benzo(a)anthracene	21.469	228	691149	2.842	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	260404	2.769	ng/ul#	97
87) Chrysene	21.522	228	678386	2.885	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	384194	2.031	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	635998	2.593	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	646661	2.642	ng/ul	100
93) Benzo(a)pyrene	23.880	252	573704	2.845	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.621	276	593984	3.053	ng/ul	98
95) Dibenzo(a,h)anthracene	26.633	278	517804	2.933	ng/ul	99
96) Benzo(g,h,i)perylene	27.427	276	505692	3.022	ng/ul	99

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

