

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043022\
 Data File : BN019609.D
 Acq On : 30 Apr 2022 02:31
 Operator : CG/JU
 Sample : PB144473BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS473

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 30 03:09:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 27 13:41:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	141786	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.663	136	572165	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	320060	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	646330	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	599890	20.000	ng/u1	-0.01
88) Perylene-d12	23.769	264	612386	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26061	6.936	ng/uL	0.00
4) Pyridine-d5	3.746	84	324724	34.131	ng/u1	0.00
7) Phenol-d5	7.034	99	418447	34.056	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	255520	35.853	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.405	132	357684	36.700	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	334988	35.589	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	170473	40.864	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	174892	42.540	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	308186	37.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	411706	32.955	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	863398	39.275	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	1051760	35.385	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	174218m	40.749	ng/u1	0.00
60) Fluorene-d10	15.481	176	731098	37.674	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	126303	38.278	ng/u1	0.00
73) Anthracene-d10	17.328	188	1084141	35.618	ng/u1	0.00
81) Pyrene-d10	19.622	212	1232509	35.736	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.616	264	1183065	37.792	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	50861	13.274	ng/uL#	92
5) Pyridine	3.764	79	349425	34.854	ng/u1	97
6) Benzaldehyde	7.011	77	281741	44.739	ng/u1	95
8) Phenol	7.064	94	441696	35.724	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.293	93	334988	34.918	ng/u1	99
12) 2-Chlorophenol	7.434	128	367311	37.111	ng/u1	98
13) 2-Methylphenol	8.311	108	321750	35.146	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	503053	36.486	ng/u1	96
16) Acetophenone	8.687	105	503549	35.649	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.681	70	247947	37.717	ng/u1	93
18) 4-Methylphenol	8.634	108	352213	35.934	ng/u1	97
19) Hexachloroethane	8.952	117	148971	37.128	ng/u1	85
22) Nitrobenzene	9.063	77	375756	38.203	ng/u1	94
23) Isophorone	9.593	82	673754	38.408	ng/u1	98
25) 2-Nitrophenol	9.775	139	189035	40.719	ng/u1	96
26) 2,4-Dimethylphenol	9.840	107	358166	34.633	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.075	93	422836	36.656	ng/u1	98
29) 2,4-Dichlorophenol	10.310	162	309920	37.562	ng/u1	100
30) Naphthalene	10.710	128	1076982	35.146	ng/u1	99
32) 4-Chloroaniline	10.816	127	411479	32.770	ng/u1	100
33) Hexachlorobutadiene	11.010	225	182361	36.840	ng/u1	97
34) Caprolactam	11.569	113	100803m	43.199	ng/u1	
35) 4-Chloro-3-methylphenol	11.940	107	341153	39.064	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	708063	35.904	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	723424	36.641	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.693	216	330219	37.184	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	170897	31.274	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	221096	39.909	ng/ul	96
42) 2,4,5-Trichlorophenol	12.993	196	241332	40.121	ng/ul	97
43) 1,1'-Biphenyl	13.328	154	913999	36.119	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	700388	36.226	ng/ul	96
45) 2-Nitroaniline	13.563	65	210132	45.292	ng/ul	92
47) Dimethylphthalate	13.951	163	839241	38.443	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	170756	45.341	ng/ul	96
50) Acenaphthylene	14.216	152	1133393	37.115	ng/ul	98
51) 3-Nitroaniline	14.387	138	188545	48.844	ng/ul	98
52) Acenaphthene	14.557	153	728466	36.450	ng/ul	99
53) 2,4-Dinitrophenol	14.593	184	85008	40.693	ng/ul	96
55) 4-Nitrophenol	14.693	109	145994	42.973	ng/ul	97
56) Dibenzofuran	14.893	168	1016916	36.425	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	251393	45.906	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	182478	41.591	ng/ul	91
59) Diethylphthalate	15.316	149	846636	39.429	ng/ul	97
61) Fluorene	15.540	166	786623	36.296	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.534	204	362445	36.988	ng/ul	93
63) 4-Nitroaniline	15.545	138	199129	60.190	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	126912	37.816	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	697168	35.155	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	211967	34.910	ng/ul	92
69) Hexachlorobenzene	16.545	284	237962	34.843	ng/ul#	88
70) Atrazine	16.692	200	240339	37.990	ng/ul	97
71) Pentachlorophenol	16.881	266	157759	38.063	ng/ul	96
72) Phenanthrene	17.275	178	1265008	35.023	ng/ul	100
74) Anthracene	17.363	178	1286422	35.654	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.293	216	331294	33.251	ng/uL	97
76) Pentachlorobenzene	14.816	250	298586	34.401	ng/uL	95
77) Carbazole	17.628	167	1218478	37.148	ng/ul	97
78) Di-n-butylphthalate	18.204	149	1428692	40.717	ng/ul	99
80) Fluoranthene	19.286	202	1452337	35.723	ng/ul	97
82) Pyrene	19.651	202	1495385	35.312	ng/ul	97
83) Butylbenzylphthalate	20.557	149	656961	41.939	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.328	252	438631	36.408	ng/ul#	95
85) Benzo(a)anthracene	21.398	228	1409921	36.696	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1014515	42.209	ng/ul#	97
87) Chrysene	21.451	228	1339534	35.493	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1741452	41.539	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1518103	38.320	ng/ul	97
91) Benzo(k)fluoranthene	23.104	252	1326583	36.916	ng/ul	97
93) Benzo(a)pyrene	23.663	252	1438896	38.247	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.192	276	1622570	37.635	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.204	278	1379618	37.424	ng/ul	98
96) Benzo(g,h,i)perylene	26.939	276	1399389	36.902	ng/ul	93

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

