

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011922\
 Data File : BN018423.D
 Acq On : 19 Jan 2022 18:39
 Operator : CG/JU
 Sample : PB142087BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS087

Quant Time: Jan 20 04:12:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	450637	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	1973905	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	1131047	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.981	188	2279449	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	1842925	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	1697820	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	49986	4.459	ng/uL	0.00
4) Pyridine-d5	3.464	84	859496	24.499	ng/u1	0.00
7) Phenol-d5	6.775	99	1260321	28.777	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	738458	26.469	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	965982	30.111	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	1007899	29.156	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	465347	31.653	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	522624	33.256	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	910417	31.887	ng/u1	0.00
31) 4-Chloroaniline-d4	10.510	131	1155634	26.337	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	2699300	32.857	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	3318526	31.954	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	481681	30.726	ng/u1	0.00
60) Fluorene-d10	15.228	176	2169374	31.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	382024	29.618	ng/u1	0.00
73) Anthracene-d10	17.075	188	3111355	29.472	ng/u1	0.00
81) Pyrene-d10	19.375	212	3576280	33.828	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	2958438	35.012	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	109476	8.680	ng/uL	96
5) Pyridine	3.481	79	854851	23.429	ng/u1	94
6) Benzaldehyde	6.728	77	678693	24.399	ng/u1	99
8) Phenol	6.805	94	1269991	27.823	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.022	93	1008541	27.404	ng/u1	97
12) 2-Chlorophenol	7.158	128	968516	28.609	ng/u1	96
13) 2-Methylphenol	8.046	108	965268	28.109	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	1232737	25.240	ng/u1#	94
16) Acetophenone	8.405	105	1423321	26.879	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.405	70	781146	26.999	ng/u1	93
18) 4-Methylphenol	8.375	108	1027340	27.882	ng/u1	99
19) Hexachloroethane	8.657	117	400558	28.528	ng/u1#	77
22) Nitrobenzene	8.781	77	1165410	30.006	ng/u1	99
23) Isophorone	9.304	82	2344641	30.058	ng/u1	97
25) 2-Nitrophenol	9.493	139	558010	31.896	ng/u1	97
26) 2,4-Dimethylphenol	9.569	107	1159510	29.885	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.799	93	1390931	28.665	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	905492	31.311	ng/u1	97
30) Naphthalene	10.416	128	2973265	27.531	ng/u1	99
32) 4-Chloroaniline	10.534	127	1100715	24.562	ng/u1	97
33) Hexachlorobutadiene	10.716	225	500627	31.746	ng/u1	96
34) Caprolactam	11.281	113	329238m	28.962	ng/u1	
35) 4-Chloro-3-methylphenol	11.681	107	1137044	31.417	ng/u1	93
36) 2-Methylnaphthalene	12.040	142	2080110	28.866	ng/u1	100

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37) 1-Methylnaphthalene	12.263	142	2103784	28.054	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	974257	33.582	ng/ul#	92
40) Hexachlorocyclopentadiene	12.404	237	513260	30.804	ng/ul	99
41) 2,4,6-Trichlorophenol	12.663	196	680047	34.562	ng/ul	98
42) 2,4,5-Trichlorophenol	12.734	196	740871	35.520	ng/ul	97
43) 1,1'-Biphenyl	13.069	154	2759283	31.326	ng/ul	98
44) 2-Chloronaphthalene	13.104	162	2053921	31.205	ng/ul#	93
45) 2-Nitroaniline	13.310	65	729605	35.417	ng/ul	100
47) Dimethylphthalate	13.704	163	2658632	31.886	ng/ul	98
48) 2,6-Dinitrotoluene	13.822	165	546692	34.599	ng/ul	94
50) Acenaphthylene	13.957	152	3198117	29.223	ng/ul	99
51) 3-Nitroaniline	14.145	138	511358	28.787	ng/ul	92
52) Acenaphthene	14.298	153	2104875	29.188	ng/ul	96
53) 2,4-Dinitrophenol	14.357	184	266084	29.899	ng/ul#	84
55) 4-Nitrophenol	14.469	109	451643	33.722	ng/ul	86
56) Dibenzofuran	14.634	168	2977498	29.774	ng/ul#	87
57) 2,4-Dinitrotoluene	14.610	165	772993	34.001	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.869	232	569024	33.844	ng/ul#	76
59) Diethylphthalate	15.075	149	2753126	31.984	ng/ul	97
61) Fluorene	15.287	166	2224420	28.883	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.287	204	1037084	30.115	ng/ul#	79
63) 4-Nitroaniline	15.310	138	509575	32.160	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.375	198	385429	29.316	ng/ul#	86
67) N-Nitrosodiphenylamine	15.498	169	2025440	28.668	ng/ul	97
68) 4-Bromophenyl-phenylether	16.175	248	712351	32.227	ng/ul#	80
69) Hexachlorobenzene	16.292	284	843371	31.828	ng/ul#	88
70) Atrazine	16.457	200	749163	32.335	ng/ul	97
71) Pentachlorophenol	16.639	266	489449	32.360	ng/ul	99
72) Phenanthrene	17.022	178	3710513	28.646	ng/ul	97
74) Anthracene	17.110	178	3457750	26.890	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.028	216	985963	30.293	ng/uL	98
76) Pentachlorobenzene	14.563	250	921798	30.292	ng/uL	98
77) Carbazole	17.386	167	3469690	30.657	ng/ul	97
78) Di-n-butylphthalate	17.963	149	4711186	33.861	ng/ul#	98
80) Fluoranthene	19.045	202	4322956	33.736	ng/ul#	94
82) Pyrene	19.410	202	4157746	31.845	ng/ul	95
83) Butylbenzylphthalate	20.322	149	2218425	40.988	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.098	252	1175054	33.077	ng/ul#	94
85) Benzo(a)anthracene	21.157	228	3845711	31.879	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.110	149	3193837	38.796	ng/ul#	95
87) Chrysene	21.210	228	3623953	30.503	ng/ul	96
89) Di-n-octyl phthalate	21.980	149	5474641	45.000	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	3850252	35.374	ng/ul#	96
91) Benzo(k)fluoranthene	22.774	252	3473189	34.408	ng/ul#	97
93) Benzo(a)pyrene	23.298	252	3361290	32.384	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.645	276	3433735	29.913	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.668	278	2885510	29.811	ng/ul	97
96) Benzo(g,h,i)perylene	26.333	276	2839196	29.519	ng/ul#	93

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

