

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
 Data File : BN018748.D
 Acq On : 26 Feb 2022 02:01
 Operator : CG/JU
 Sample : PB142928BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS928

Quant Time: Feb 26 03:22:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 16:48:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	169833	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	619282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	360453	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	710504	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	709516	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	744775	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	28524	6.330	ng/uL	0.00
4) Pyridine-d5	3.699	84	371407	30.489	ng/u1	0.00
7) Phenol-d5	7.063	99	456535	32.593	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	277509	31.922	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	363862	32.983	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	341922	31.966	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	162044	34.052	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	175648	34.465	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	327156	33.632	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	390603	30.053	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	873322	33.469	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1137093	33.636	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	167357	36.909	ng/u1	0.00
60) Fluorene-d10	15.534	176	762987	33.868	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	138951	33.146	ng/u1	0.00
73) Anthracene-d10	17.381	188	1171342	34.454	ng/u1	0.00
81) Pyrene-d10	19.675	212	1398608	33.678	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1363382	35.895	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	60051	12.613	ng/uL	91
5) Pyridine	3.717	79	401802	31.930	ng/u1	97
6) Benzaldehyde	7.034	77	323586	41.773	ng/u1	98
8) Phenol	7.087	94	476885	32.726	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.322	93	374105	31.742	ng/u1	99
12) 2-Chlorophenol	7.469	128	375272	32.113	ng/u1	94
13) 2-Methylphenol	8.346	108	339104	31.874	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	498497	31.889	ng/u1	99
16) Acetophenone	8.728	105	527257	31.327	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.716	70	260238	31.409	ng/u1	92
18) 4-Methylphenol	8.675	108	366785	32.016	ng/u1	100
19) Hexachloroethane	8.999	117	155340	31.203	ng/u1	93
22) Nitrobenzene	9.110	77	409452	33.628	ng/u1	96
23) Isophorone	9.634	82	702831	33.040	ng/u1	96
25) 2-Nitrophenol	9.822	139	194115	34.163	ng/u1	96
26) 2,4-Dimethylphenol	9.881	107	396590	32.906	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.122	93	446361	32.070	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	329895	33.271	ng/u1	97
30) Naphthalene	10.769	128	1104765	32.648	ng/u1	99
32) 4-Chloroaniline	10.869	127	401060	29.812	ng/u1	99
33) Hexachlorobutadiene	11.063	225	222769	31.140	ng/u1	97
34) Caprolactam	11.610	113	96191	36.848	ng/u1	95
35) 4-Chloro-3-methylphenol	11.993	107	340695	34.000	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	718589	31.941	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	732899	32.175	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.745	216	384054	31.738	ng/ul	94
40) Hexachlorocyclopentadiene	12.734	237	223154	26.783	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	241417	34.050	ng/ul	99
42) 2,4,5-Trichlorophenol	13.045	196	268093	34.620	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	957470	32.483	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	734483	32.400	ng/ul	95
45) 2-Nitroaniline	13.616	65	210084	36.507	ng/ul	94
47) Dimethylphthalate	13.992	163	882674	33.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	178065	35.786	ng/ul	98
50) Acenaphthylene	14.269	152	1163816	32.872	ng/ul	99
51) 3-Nitroaniline	14.434	138	177405	38.316	ng/ul	90
52) Acenaphthene	14.610	153	742698	32.382	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	88313	30.314	ng/ul#	92
55) 4-Nitrophenol	14.740	109	141716	34.464	ng/ul	90
56) Dibenzofuran	14.939	168	1079433	33.038	ng/ul	92
57) 2,4-Dinitrotoluene	14.892	165	266790	37.112	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	211539	35.284	ng/ul#	88
59) Diethylphthalate	15.357	149	867323	33.576	ng/ul	98
61) Fluorene	15.587	166	835230	33.143	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	416630	32.273	ng/ul	92
63) 4-Nitroaniline	15.592	138	194961	50.034	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.657	198	143398	33.165	ng/ul	97
67) N-Nitrosodiphenylamine	15.792	169	740109	33.625	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	249969	31.832	ng/ul	90
69) Hexachlorobenzene	16.598	284	290699	32.840	ng/ul	92
70) Atrazine	16.739	200	261154	33.384	ng/ul	97
71) Pentachlorophenol	16.933	266	168094	33.745	ng/ul	96
72) Phenanthrene	17.328	178	1397171	34.823	ng/ul	99
74) Anthracene	17.416	178	1392728	34.569	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	392807	29.502	ng/ul	98
76) Pentachlorobenzene	14.869	250	367021	32.764	ng/ul	97
77) Carbazole	17.681	167	1264903	36.875	ng/ul	98
78) Di-n-butylphthalate	18.251	149	1392369	35.019	ng/ul	99
80) Fluoranthene	19.339	202	1612163	32.509	ng/ul	99
82) Pyrene	19.698	202	1651250	32.386	ng/ul	97
83) Butylbenzylphthalate	20.592	149	614816	34.721	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.374	252	508428	38.226	ng/ul	97
85) Benzo(a)anthracene	21.445	228	1647337	34.934	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.374	149	900681	33.866	ng/ul	96
87) Chrysene	21.498	228	1617095	34.653	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1594250	31.308	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1709149	34.043	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1677052	35.286	ng/ul	98
93) Benzo(a)pyrene	23.757	252	1681828	34.796	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.357	276	1957753	36.198	ng/ul	95
95) Dibenzo(a,h)anthracene	26.368	278	1676354	35.873	ng/ul	98
96) Benzo(g,h,i)perylene	27.115	276	1690294	36.613	ng/ul	98

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

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