

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
 Data File : BN018738.D
 Acq On : 25 Feb 2022 19:30
 Operator : CG/JU
 Sample : PB142906BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS906

Quant Time: Feb 25 22:38:23 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	206103	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	763464	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	428095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	797500	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	794092	20.000	ng/u1	0.00
88) Perylene-d12	23.862	264	816665	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	33197	6.071	ng/uL	0.00
4) Pyridine-d5	3.699	84	415815	28.127	ng/u1	0.00
7) Phenol-d5	7.063	99	500545	29.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	308136	29.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	404538	30.216	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	371176	28.594	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	178191	30.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	190258	30.282	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	352492	29.393	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	429686	26.816	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	899642	29.030	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1177299	29.323	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	165726	30.774	ng/u1	0.00
60) Fluorene-d10	15.534	176	770072	28.782	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	138781	29.494	ng/u1	0.00
73) Anthracene-d10	17.380	188	1155714	30.286	ng/u1	0.00
81) Pyrene-d10	19.674	212	1314446	28.280	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	1341940	32.220	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	72549	12.556	ng/uL	91
5) Pyridine	3.716	79	447003	29.271	ng/u1	97
6) Benzaldehyde	7.040	77	284809	30.297	ng/u1	92
8) Phenol	7.093	94	548793	31.033	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.328	93	431732	30.185	ng/u1	99
12) 2-Chlorophenol	7.469	128	432410	30.491	ng/u1	94
13) 2-Methylphenol	8.346	108	389719	30.185	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	578513	30.495	ng/u1	99
16) Acetophenone	8.728	105	595596	29.160	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	296344	29.472	ng/u1#	91
18) 4-Methylphenol	8.675	108	415137	29.860	ng/u1	98
19) Hexachloroethane	8.999	117	180905	29.943	ng/u1	91
22) Nitrobenzene	9.110	77	465835	31.033	ng/u1	95
23) Isophorone	9.640	82	793020	30.240	ng/u1	96
25) 2-Nitrophenol	9.828	139	218156	31.144	ng/u1	95
26) 2,4-Dimethylphenol	9.887	107	435022	29.278	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.122	93	505158	29.440	ng/u1	97
29) 2,4-Dichlorophenol	10.363	162	364816	29.845	ng/u1	98
30) Naphthalene	10.769	128	1231284	29.515	ng/u1	99
32) 4-Chloroaniline	10.869	127	419825	25.314	ng/u1	99
33) Hexachlorobutadiene	11.063	225	253797	28.777	ng/u1	98
34) Caprolactam	11.616	113	98539	30.619	ng/u1	92
35) 4-Chloro-3-methylphenol	11.993	107	374732	30.334	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	801837	28.911	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	802473	28.576	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	427321	29.734	ng/ul#	97
40) Hexachlorocyclopentadiene	12.734	237	250362	25.300	ng/ul	100
41) 2,4,6-Trichlorophenol	12.981	196	260769	30.968	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	287309	31.239	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	1045708	29.871	ng/ul	96
44) 2-Chloronaphthalene	13.422	162	810190	30.093	ng/ul	95
45) 2-Nitroaniline	13.616	65	225753	33.031	ng/ul	99
47) Dimethylphthalate	13.998	163	945848	29.864	ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	184915	31.290	ng/ul	99
50) Acenaphthylene	14.269	152	1240169	29.494	ng/ul	100
51) 3-Nitroaniline	14.439	138	185011	33.645	ng/ul	88
52) Acenaphthene	14.610	153	808765	29.690	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	95410	27.575	ng/ul	94
55) 4-Nitrophenol	14.739	109	147693	30.243	ng/ul	93
56) Dibenzofuran	14.939	168	1150285	29.644	ng/ul	94
57) 2,4-Dinitrotoluene	14.898	165	271248	31.770	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.169	232	216915	30.464	ng/ul	90
59) Diethylphthalate	15.357	149	915261	29.833	ng/ul	97
61) Fluorene	15.592	166	875255	29.244	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	445326	29.045	ng/ul	93
63) 4-Nitroaniline	15.598	138	187854	40.593	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	148590	30.617	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	774754	31.359	ng/ul	98
68) 4-Bromophenyl-phenylether	16.475	248	268449	30.456	ng/ul#	88
69) Hexachlorobenzene	16.598	284	295591	29.750	ng/ul#	88
70) Atrazine	16.739	200	238937	27.212	ng/ul	98
71) Pentachlorophenol	16.933	266	167818	30.015	ng/ul	97
72) Phenanthrene	17.328	178	1413647	31.391	ng/ul	99
74) Anthracene	17.416	178	1418225	31.362	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	422818	28.292	ng/ul	98
76) Pentachlorobenzene	14.869	250	373720	29.722	ng/ul	100
77) Carbazole	17.680	167	1281254	33.277	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1415075	31.708	ng/ul	99
80) Fluoranthene	19.339	202	1659117	29.892	ng/ul	100
82) Pyrene	19.704	202	1665246	29.182	ng/ul	97
83) Butylbenzylphthalate	20.598	149	603850	30.470	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.380	252	479164	32.189	ng/ul	96
85) Benzo(a)anthracene	21.451	228	1638181	31.040	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	893340	30.013	ng/ul	96
87) Chrysene	21.504	228	1615784	30.937	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1575189	28.211	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1709598	31.054	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1608984	30.873	ng/ul	97
93) Benzo(a)pyrene	23.757	252	1681836	31.733	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.356	276	1996504	33.665	ng/ul	94
95) Dibenzo(a,h)anthracene	26.374	278	1694698	33.073	ng/ul	99
96) Benzo(g,h,i)perylene	27.121	276	1719157	33.960	ng/ul	97

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

