

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
 Data File : BN017087.D
 Acq On : 26 Oct 2021 12:24
 Operator : CG/JU
 Sample : SST001030
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0010230

Quant Time: Oct 26 13:38:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 26 13:33:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	284514	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1294405	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	881814	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1781841	20.000	ng/ul	0.00
79) Chrysene-d12	21.157	240	1744273	20.000	ng/ul	0.00
88) Perylene-d12	23.368	264	1555398	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	30772	3.962	ng/uL	0.00
4) Pyridine-d5	3.463	84	193718	8.984	ng/ul	0.00
7) Phenol-d5	6.722	99	236126	8.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	152276	9.139	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	193845	9.125	ng/ul	0.00
15) 4-Methylphenol-d8	8.251	113	195823	8.372	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	93303	9.124	ng/ul	0.00
24) 2-Nitrophenol-d4	9.404	143	100842	9.006	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	197294	9.596	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	294954	9.179	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	657652	9.241	ng/ul	0.00
49) Acenaphthylene-d8	13.875	160	833751	9.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	112885	7.824	ng/ul	0.00
60) Fluorene-d10	15.186	176	571400	9.414	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	97682	8.176	ng/ul	0.00
73) Anthracene-d10	17.045	188	891293	9.654	ng/ul	0.00
81) Pyrene-d10	19.351	212	1005901	10.046	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.227	264	809941	9.005	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	30442	3.715	ng/uL	97
5) Pyridine	3.487	79	203042	9.147	ng/ul	95
6) Benzaldehyde	6.687	77	151061	8.460	ng/ul	96
8) Phenol	6.746	94	247283	8.658	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.975	93	204674	9.031	ng/ul	98
12) 2-Chlorophenol	7.099	128	205543	9.341	ng/ul	98
13) 2-Methylphenol	7.987	108	185548	8.506	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.075	45	304577	10.175	ng/ul	99
16) Acetophenone	8.357	105	320696	8.995	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.346	70	157590	8.667	ng/ul	99
18) 4-Methylphenol	8.316	108	212373	8.673	ng/ul	99
19) Hexachloroethane	8.598	117	80344	9.374	ng/ul	97
22) Nitrobenzene	8.728	77	218300	9.171	ng/ul	100
23) Isophorone	9.251	82	442763	9.003	ng/ul	100
25) 2-Nitrophenol	9.434	139	112825	9.202	ng/ul	99
26) 2,4-Dimethylphenol	9.510	107	235529	9.417	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.745	93	290407	9.396	ng/ul	99
29) 2,4-Dichlorophenol	9.963	162	199106	9.729	ng/ul	97
30) Naphthalene	10.357	128	707171	9.653	ng/ul	99
32) 4-Chloroaniline	10.481	127	301782	9.305	ng/ul	100
33) Hexachlorobutadiene	10.645	225	122940	9.827	ng/ul	98
34) Caprolactam	11.222	113	59743	7.327	ng/ul	95
35) 4-Chloro-3-methylphenol	11.616	107	218106	9.119	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.987	142	491800	9.708	ng/ul	99
37) 1-Methylnaphthalene	12.204	142	511355	9.717	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	253137	9.534	ng/ul	96
40) Hexachlorocyclopentadiene	12.339	237	136541	8.061	ng/ul	100
41) 2,4,6-Trichlorophenol	12.610	196	153655	8.785	ng/ul	97
42) 2,4,5-Trichlorophenol	12.681	196	174477	8.939	ng/ul	95
43) 1,1'-Biphenyl	13.016	154	681086	9.447	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	516591	9.449	ng/ul	99
45) 2-Nitroaniline	13.269	65	125855	8.493	ng/ul	98
47) Dimethylphthalate	13.657	163	663740	9.301	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	118812	8.860	ng/ul	98
50) Acenaphthylene	13.904	152	860732	9.372	ng/ul	99
51) 3-Nitroaniline	14.104	138	129739	7.912	ng/ul	98
52) Acenaphthene	14.251	153	556980	9.345	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	57651	6.516	ng/ul	95
55) 4-Nitrophenol	14.422	109	85107	8.214	ng/ul	95
56) Dibenzofuran	14.592	168	806355	9.428	ng/ul	100
57) 2,4-Dinitrotoluene	14.569	165	180393	8.958	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.822	232	146602	8.976	ng/ul	97
59) Diethylphthalate	15.039	149	651452	9.125	ng/ul	99
61) Fluorene	15.245	166	646625	9.547	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	320397	9.720	ng/ul	99
63) 4-Nitroaniline	15.275	138	133981	7.873	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.333	198	102495	8.514	ng/ul#	94
67) N-Nitrosodiphenylamine	15.469	169	563717	9.913	ng/ul	99
68) 4-Bromophenyl-phenylether	16.145	248	192432	9.582	ng/ul	96
69) Hexachlorobenzene	16.251	284	226626	9.163	ng/ul	99
70) Atrazine	16.427	200	191899	9.005	ng/ul	99
71) Pentachlorophenol	16.598	266	113720	7.770	ng/ul	96
72) Phenanthrene	16.986	178	1017893	9.434	ng/ul	98
74) Anthracene	17.075	178	1055286	9.740	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.975	216	257474	9.844	ng/uL	98
76) Pentachlorobenzene	14.510	250	273158	9.747	ng/uL	97
77) Carbazole	17.357	167	936776	9.589	ng/ul	98
78) Di-n-butylphthalate	17.939	149	1029538	8.927	ng/ul	100
80) Fluoranthene	19.016	202	1183918	10.116	ng/ul	99
82) Pyrene	19.380	202	1235103	10.106	ng/ul	98
83) Butylbenzylphthalate	20.316	149	409744	8.528	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.086	252	340336	7.588	ng/ul	94
85) Benzo(a)anthracene	21.145	228	1130232	9.154	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.104	149	644974	8.547	ng/ul	100
87) Chrysene	21.192	228	1160346	9.612	ng/ul	99
89) Di-n-octyl phthalate	21.980	149	967670	8.613	ng/ul	100
90) Benzo(b)fluoranthene	22.704	252	1062478	9.640	ng/ul	98
91) Benzo(k)fluoranthene	22.751	252	1042757	9.912	ng/ul	99
93) Benzo(a)pyrene	23.268	252	1012686	9.396	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.592	276	958638	7.498	ng/ul	97
95) Dibenzo(a,h)anthracene	25.609	278	802961	7.317	ng/ul	99
96) Benzo(g,h,i)perylene	26.274	276	810126	7.526	ng/ul	97

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

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