

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
 Data File : BN016244.D
 Acq On : 08 Sep 2021 16:05
 Operator : CG/JU
 Sample : SST00508
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST005208

Quant Time: Sep 08 18:00:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 08 17:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	149426	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	620529	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	414994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	871098	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	892841	20.000	ng/ul	0.00
88) Perylene-d12	23.821	264	890072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	5676	1.480	ng/uL	0.00
4) Pyridine-d5	3.717	84	35774	3.337	ng/ul	0.00
7) Phenol-d5	7.016	99	49783	3.683	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	28543	3.430	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	45221	4.702	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	40654	3.867	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	21427	4.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	22449	5.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	43345	4.686	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	58124	4.128	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	128720	4.232	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	164592	4.321	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	18755	3.487	ng/ul	0.00
60) Fluorene-d10	15.487	176	116308	4.384	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	12987	2.792	ng/ul	0.00
73) Anthracene-d10	17.339	188	183285	4.489	ng/ul	0.00
81) Pyrene-d10	19.633	212	205519	4.274	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.663	264	213919	4.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	7394	1.875	ng/uL	96
5) Pyridine	3.734	79	37897	3.429	ng/ul	100
6) Benzaldehyde	6.993	77	32001	4.601	ng/ul	98
8) Phenol	7.046	94	52447	3.806	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.269	93	41512	3.846	ng/ul	96
12) 2-Chlorophenol	7.411	128	45344	4.587	ng/ul	95
13) 2-Methylphenol	8.293	108	40552	4.018	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	56825	4.122	ng/ul#	96
16) Acetophenone	8.669	105	67114	3.956	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.652	70	30066	3.629	ng/ul	98
18) 4-Methylphenol	8.628	108	43863	4.060	ng/ul	93
19) Hexachloroethane	8.928	117	18300	4.076	ng/ul	95
22) Nitrobenzene	9.052	77	44179	3.421	ng/ul	95
23) Isophorone	9.575	82	85189	3.792	ng/ul	98
25) 2-Nitrophenol	9.769	139	24386	5.232	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	47935	3.850	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.063	93	55261	4.004	ng/ul	97
29) 2,4-Dichlorophenol	10.299	162	43526	4.773	ng/ul	98
30) Naphthalene	10.704	128	152169	4.579	ng/ul	99
32) 4-Chloroaniline	10.816	127	59758	4.299	ng/ul	98
33) Hexachlorobutadiene	10.987	225	30048	4.288	ng/ul	96
34) Caprolactam	11.563	113	12440	4.354	ng/ul#	89
35) 4-Chloro-3-methylphenol	11.946	107	44532	4.122	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	103020	4.458	ng/ul	94
37) 1-Methylnaphthalene	12.534	142	105074	4.568	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	57612	4.291	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	22280	2.560	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	33730	4.595	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	36918	4.606	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	137393	4.282	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	109175	4.406	ng/ul	97
45) 2-Nitroaniline	13.575	65	24051	3.426	ng/ul	92
47) Dimethylphthalate	13.945	163	128426	4.260	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	24573	4.501	ng/ul	98
50) Acenaphthylene	14.216	152	174315	4.814	ng/ul	98
51) 3-Nitroaniline	14.398	138	24426	4.161	ng/ul	92
52) Acenaphthene	14.557	153	113105	4.319	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	4672	1.540	ng/ul#	86
55) 4-Nitrophenol	14.716	109	13283	2.524	ng/ul	90
56) Dibenzofuran	14.892	168	163056	4.503	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	35268	4.485	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.122	232	30107	4.540	ng/ul	96
59) Diethylphthalate	15.310	149	127029	4.214	ng/ul	99
61) Fluorene	15.540	166	132979	4.501	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.534	204	67596	4.387	ng/ul	97
63) 4-Nitroaniline	15.557	138	24790	4.407	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	12408	2.682	ng/ul#	94
67) N-Nitrosodiphenylamine	15.751	169	114049	4.486	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	40239	4.305	ng/ul	95
69) Hexachlorobenzene	16.545	284	48173	4.410	ng/ul	98
70) Atrazine	16.698	200	39441	4.277	ng/ul	95
71) Pentachlorophenol	16.892	266	14713	2.401	ng/ul	94
72) Phenanthrene	17.281	178	215308	4.547	ng/ul	99
74) Anthracene	17.375	178	219614	4.542	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	60049	4.376	ng/uL	98
76) Pentachlorobenzene	14.816	250	61098	4.575	ng/uL	92
77) Carbazole	17.645	167	191576	4.507	ng/ul	99
78) Di-n-butylphthalate	18.210	149	213302	4.413	ng/ul	99
80) Fluoranthene	19.304	202	252774	4.344	ng/ul	97
82) Pyrene	19.663	202	263080	4.344	ng/ul	98
83) Butylbenzylphthalate	20.563	149	97598	4.793	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	84105	4.600	ng/ul	93
85) Benzo(a)anthracene	21.416	228	259678	4.520	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	145004	4.490	ng/ul	95
87) Chrysene	21.469	228	258622	4.650	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	248876	4.418	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	255509	4.366	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	233272	4.004	ng/ul	99
93) Benzo(a)pyrene	23.716	252	250847	4.736	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.292	276	275917	4.201	ng/ul	97
95) Dibenzo(a,h)anthracene	26.310	278	236923	4.369	ng/ul	99
96) Benzo(g,h,i)perylene	27.051	276	233148	4.293	ng/ul	98

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

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