

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
 Data File : BN016244.D
 Acq On : 08 Sep 2021 16:05
 Operator : CG/JU
 Sample : SSTD00508
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005208

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/u1	0.00
20) Naphthalene-d8	10.652	136	620529	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	414994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	871098	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	892841	20.000	ng/u1	0.00
88) Perylene-d12	23.821	264	890072	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	5676	1.480	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.381	132	45221	4.702	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.010	128	21427	4.692	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	22449	5.252	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	43345	4.686	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.898	166	128720	4.232	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	164592	4.321	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.487	176	116308	4.384	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.339	188	183285	4.489	ng/u1	0.00
81) Pyrene-d10	19.633	212	205519	4.274	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.663	264	213919	4.445	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	7394	1.875	ng/uL	96
12) 2-Chlorophenol	7.411	128	45344	4.587	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.652	70	30066	3.629	ng/u1	98
19) Hexachloroethane	8.928	117	18300	4.076	ng/u1	95
22) Nitrobenzene	9.052	77	44179	3.421	ng/u1	95
23) Isophorone	9.575	82	85189	3.792	ng/u1	98
25) 2-Nitrophenol	9.769	139	24386	5.232	ng/u1	98
26) 2,4-Dimethylphenol	9.828	107	47935	3.850	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.063	93	55261	4.004	ng/u1	97
29) 2,4-Dichlorophenol	10.299	162	43526	4.773	ng/u1	98
30) Naphthalene	10.704	128	152169	4.579	ng/u1	99
33) Hexachlorobutadiene	10.987	225	30048	4.288	ng/u1	96
35) 4-Chloro-3-methylphenol	11.946	107	44532	4.122	ng/u1	98
36) 2-Methylnaphthalene	12.316	142	103020	4.458	ng/u1	94
37) 1-Methylnaphthalene	12.534	142	105074	4.568	ng/u1#	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	57612	4.291	ng/u1	98
41) 2,4,6-Trichlorophenol	12.928	196	33730	4.595	ng/u1	98
42) 2,4,5-Trichlorophenol	12.998	196	36918	4.606	ng/u1	99
43) 1,1'-Biphenyl	13.328	154	137393	4.282	ng/u1	99
44) 2-Chloronaphthalene	13.369	162	109175	4.406	ng/u1	97
45) 2-Nitroaniline	13.575	65	24051	3.426	ng/u1	92
47) Dimethylphthalate	13.945	163	128426	4.260	ng/u1	99
48) 2,6-Dinitrotoluene	14.069	165	24573	4.501	ng/u1	98
50) Acenaphthylene	14.216	152	174315	4.814	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.557	153	113105	4.319	ng/ul	99
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
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
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
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
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
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

