

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
 Data File : BN023213.D
 Acq On : 15 Dec 2022 13:04
 Operator : CG/JU
 Sample : SSTD00547
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005210

Quant Time: Dec 15 22:34:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 22:31:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	247423	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1130722	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	734085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1674092	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1732663	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1903643	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	11528	1.591	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	7.528	132	76753	4.485	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.175	128	37331	4.265	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	36410	3.728	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	75893	4.558	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.057	166	259058	4.852	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	276457	4.699	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.639	176	230692	5.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.492	188	355577	4.851	ng/u1	0.00
81) Pyrene-d10	19.786	212	433773	4.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	409019	4.274	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	12632	1.638	ng/uL#	91
12) 2-Chlorophenol	7.563	128	80441	4.402	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.816	70	63844	4.068	ng/u1	99
19) Hexachloroethane	9.092	117	31385	4.057	ng/u1	98
22) Nitrobenzene	9.216	77	94463	3.984	ng/u1	95
23) Isophorone	9.745	82	170580	3.761	ng/u1	99
25) 2-Nitrophenol	9.933	139	41327	3.849	ng/u1	99
26) 2,4-Dimethylphenol	9.992	107	92467	4.015	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	121090	4.629	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	77991	4.609	ng/u1	97
30) Naphthalene	10.875	128	293888	4.897	ng/u1	99
33) Hexachlorobutadiene	11.163	225	45781	4.395	ng/u1	96
35) 4-Chloro-3-methylphenol	12.104	107	85303	3.865	ng/u1	91
36) 2-Methylnaphthalene	12.480	142	195811	4.789	ng/u1	99
37) 1-Methylnaphthalene	12.698	142	201860	4.925	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	98803	5.014	ng/u1	98
41) 2,4,6-Trichlorophenol	13.086	196	62812	4.490	ng/u1	98
42) 2,4,5-Trichlorophenol	13.157	196	70367	4.750	ng/u1	96
43) 1,1'-Biphenyl	13.486	154	273754	5.081	ng/u1	99
44) 2-Chloronaphthalene	13.527	162	211229	5.031	ng/u1	97
45) 2-Nitroaniline	13.733	65	50041	3.282	ng/u1	95
47) Dimethylphthalate	14.104	163	269329	4.799	ng/u1	100
48) 2,6-Dinitrotoluene	14.227	165	40018	3.523	ng/u1	95
50) Acenaphthylene	14.374	152	318778	4.850	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.716	153	233973	5.018	ng/ul	99
56) Dibenzofuran	15.045	168	324604	5.268	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	61069	3.691	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.274	232	60709	4.785	ng/ul	95
59) Diethylphthalate	15.463	149	258932	4.353	ng/ul	99
61) Fluorene	15.698	166	269809	5.244	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.692	204	130511	5.381	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	223166	4.452	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	72757	4.413	ng/ul	96
69) Hexachlorobenzene	16.698	284	87734	4.553	ng/ul	94
72) Phenanthrene	17.439	178	436023	4.832	ng/ul	99
74) Anthracene	17.527	178	430878	4.714	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	98324	4.454	ng/uL	95
76) Pentachlorobenzene	14.969	250	104293	4.377	ng/uL	95
78) Di-n-butylphthalate	18.362	149	454642	3.762	ng/ul	99
80) Fluoranthene	19.451	202	496009	4.426	ng/ul	99
82) Pyrene	19.815	202	551768	4.806	ng/ul	97
83) Butylbenzylphthalate	20.709	149	185969	3.182	ng/ul	98
85) Benzo(a)anthracene	21.562	228	565246	4.940	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.486	149	273190	3.167	ng/ul	100
87) Chrysene	21.615	228	532355	4.913	ng/ul	96
90) Benzo(b)fluoranthene	23.274	252	571912	4.433	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	539012	4.402	ng/ul	97
93) Benzo(a)pyrene	23.921	252	472599	4.322	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	599513	4.821	ng/ul	99
95) Dibenzo(a,h)anthracene	26.603	278	491345	4.408	ng/ul	97
96) Benzo(g,h,i)perylene	27.374	276	463312	4.273	ng/ul	97

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

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