

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
 Data File : BN033366.D
 Acq On : 13 Aug 2024 16:52
 Operator : MA/JU
 Sample : SST00574
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST005210

Quant Time: Aug 14 01:53:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 01:18:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	222011	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	978765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	678852	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	1520737	20.000	ng/u1	0.00
79) Chrysene-d12	21.198	240	1591759	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1902909	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	10829	2.018	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	7.105	132	65687	4.523	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.711	128	31449	4.202	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	24886	3.219	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.958	165	60601	4.199	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.628	166	242287	5.123	ng/u1	0.00
49) Acenaphthylene-d8	13.899	160	263746	4.850	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.210	176	212308	5.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.057	188	335307	5.150	ng/u1	0.00
81) Pyrene-d10	19.357	212	404357	4.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	429599	4.728	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	10659	1.856	ng/uL	97
12) 2-Chlorophenol	7.134	128	70362	4.630	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.369	70	62577	5.136	ng/u1	97
19) Hexachloroethane	8.640	117	30807	4.787	ng/u1	98
22) Nitrobenzene	8.752	77	83671	4.693	ng/u1	95
23) Isophorone	9.275	82	169130	4.624	ng/u1	100
25) 2-Nitrophenol	9.452	139	28791	3.409	ng/u1	94
26) 2,4-Dimethylphenol	9.528	107	82929	5.047	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.763	93	112273	4.925	ng/u1	98
29) 2,4-Dichlorophenol	9.987	162	66206	4.646	ng/u1	97
30) Naphthalene	10.387	128	260289	5.138	ng/u1	99
33) Hexachlorobutadiene	10.687	225	44097	5.152	ng/u1	93
35) 4-Chloro-3-methylphenol	11.628	107	75907	4.557	ng/u1	94
36) 2-Methylnaphthalene	12.010	142	180747	5.220	ng/u1	98
37) 1-Methylnaphthalene	12.228	142	183420	5.280	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.381	216	89939	5.010	ng/u1	91
41) 2,4,6-Trichlorophenol	12.628	196	49154	4.034	ng/u1	98
42) 2,4,5-Trichlorophenol	12.693	196	54229	4.095	ng/u1	95
43) 1,1'-Biphenyl	13.040	154	246641	5.165	ng/u1	99
44) 2-Chloronaphthalene	13.075	162	187151	5.004	ng/u1	98
45) 2-Nitroaniline	13.275	65	45177	4.167	ng/u1	96
47) Dimethylphthalate	13.675	163	247248	5.112	ng/u1	99
48) 2,6-Dinitrotoluene	13.781	165	35782	3.722	ng/u1#	86
50) Acenaphthylene	13.928	152	295097	4.802	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.275	153	211330	5.197	ng/ul	99
56) Dibenzofuran	14.610	168	301304	5.454	ng/ul	100
57) 2,4-Dinitrotoluene	14.575	165	55072	3.904	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.840	232	45103	4.072	ng/ul	98
59) Diethylphthalate	15.057	149	250677	5.023	ng/ul	98
61) Fluorene	15.263	166	250842	5.638	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	122242	5.673	ng/ul	97
67) N-Nitrosodiphenylamine	15.481	169	211653	5.049	ng/ul	97
68) 4-Bromophenyl-phenylether	16.163	248	70031	4.753	ng/ul	97
69) Hexachlorobenzene	16.269	284	82377	4.933	ng/ul	92
72) Phenanthrene	17.004	178	404217	5.218	ng/ul	99
74) Anthracene	17.092	178	408586	5.205	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.999	216	92628	4.732	ng/uL	92
76) Pentachlorobenzene	14.534	250	99325	5.210	ng/uL	97
78) Di-n-butylphthalate	17.957	149	445984	4.843	ng/ul	99
80) Fluoranthene	19.028	202	469682	4.614	ng/ul	99
82) Pyrene	19.386	202	529239	5.067	ng/ul	99
83) Butylbenzylphthalate	20.328	149	174056	3.528	ng/ul	97
85) Benzo(a)anthracene	21.180	228	542002	5.087	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.151	149	302420	4.206	ng/ul	100
87) Chrysene	21.233	228	514788	5.173	ng/ul	98
90) Benzo(b)fluoranthene	23.139	252	520471	4.576	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	523378	4.689	ng/ul	96
93) Benzo(a)pyrene	23.892	252	505031	4.741	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.180	276	603905	4.920	ng/ul	96
95) Dibenzo(a,h)anthracene	27.245	278	493936	4.928	ng/ul	98
96) Benzo(g,h,i)perylene	28.151	276	473027	4.847	ng/ul	98

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

