

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062025\
 Data File : BN037340.D
 Acq On : 19 Jun 2025 11:00
 Operator : RC/JU
 Sample : SSTD00529
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005224

Quant Time: Jun 19 14:43:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN062025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 19 14:36:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	32539	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	104438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.216	164	84337	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.969	188	186671	20.000	ng/ul	0.00
79) Chrysene-d12	21.204	240	198205	20.000	ng/ul	# 0.00
88) Perylene-d12	24.051	264	214440	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	1002	1.300	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.093	132	7548	3.775	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.716	128	3214	4.032	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	4037	4.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	9264	5.584	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.634	166	29349	4.841	ng/ul	0.00
49) Acenaphthylene-d8	13.904	160	30647	4.459	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.216	176	26196	5.024	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.069	188	44262	4.871	ng/ul	0.00
81) Pyrene-d10	19.369	212	48240	4.511	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	45595	4.214	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.099	88	1304	1.521	ng/uL#	90
12) 2-Chlorophenol	7.122	128	7672	3.638	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.369	70	5216	2.612	ng/ul	93
19) Hexachloroethane	8.628	117	4083	3.995	ng/ul#	69
22) Nitrobenzene	8.752	77	9569	3.935	ng/ul	92
23) Isophorone	9.275	82	13583	3.365	ng/ul	99
25) 2-Nitrophenol	9.469	139	4064	4.312	ng/ul#	89
26) 2,4-Dimethylphenol	9.528	107	8553	4.275	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.769	93	8187	3.442	ng/ul	97
29) 2,4-Dichlorophenol	9.999	162	8967	5.376	ng/ul	86
30) Naphthalene	10.387	128	24597	4.462	ng/ul	97
33) Hexachlorobutadiene	10.681	225	11438	9.124	ng/ul	97
35) 4-Chloro-3-methylphenol	11.640	107	6739	3.612	ng/ul	98
36) 2-Methylnaphthalene	12.016	142	18645	4.812	ng/ul	92
37) 1-Methylnaphthalene	12.234	142	18531	4.802	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.393	216	17562	6.790	ng/ul	99
41) 2,4,6-Trichlorophenol	12.640	196	8834	5.479	ng/ul	95
42) 2,4,5-Trichlorophenol	12.710	196	10744	6.063	ng/ul	97
43) 1,1'-Biphenyl	13.046	154	27008	4.447	ng/ul	98
44) 2-Chloronaphthalene	13.081	162	23080	4.816	ng/ul	95
45) 2-Nitroaniline	13.293	65	3800	2.097	ng/ul	92
47) Dimethylphthalate	13.681	163	28345	4.689	ng/ul	98
48) 2,6-Dinitrotoluene	13.798	165	5173	4.387	ng/ul	90
50) Acenaphthylene	13.934	152	33623	4.669	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.281	153	22874	4.337	ng/ul	93
56) Dibenzofuran	14.616	168	36843	4.991	ng/ul	100
57) 2,4-Dinitrotoluene	14.593	165	7348	4.127	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.851	232	8730	5.847	ng/ul	93
59) Diethylphthalate	15.057	149	25930	4.116	ng/ul	96
61) Fluorene	15.269	166	28116	4.639	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.275	204	18263	6.039	ng/ul	92
67) N-Nitrosodiphenylamine	15.487	169	23444	4.261	ng/ul	94
68) 4-Bromophenyl-phenylether	16.169	248	11075	5.961	ng/ul	90
69) Hexachlorobenzene	16.275	284	12489	6.089	ng/ul	94
72) Phenanthrene	17.010	178	47040	4.531	ng/ul	98
74) Anthracene	17.098	178	47481	4.482	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.004	216	17589	6.285	ng/uL	99
76) Pentachlorobenzene	14.540	250	16261	6.409	ng/uL	91
78) Di-n-butylphthalate	17.951	149	37643	3.211	ng/ul#	98
80) Fluoranthene	19.033	202	55898	4.415	ng/ul#	95
82) Pyrene	19.398	202	58220	4.282	ng/ul#	93
83) Butylbenzylphthalate	20.322	149	14309	2.625	ng/ul#	88
85) Benzo(a)anthracene	21.186	228	62414	4.720	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	21172	2.587	ng/ul#	99
87) Chrysene	21.245	228	56839	4.545	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	57069	4.280	ng/ul#	95
91) Benzo(k)fluoranthene	23.216	252	58479	4.359	ng/ul#	90
93) Benzo(a)pyrene	23.916	252	52377	4.303	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.227	276	71002	5.156	ng/ul#	92
95) Dibenzo(a,h)anthracene	27.286	278	58992	5.285	ng/ul	97
96) Benzo(g,h,i)perylene	28.227	276	59794	5.581	ng/ul#	92

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

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