

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032024\
 Data File : BN030432.D
 Acq On : 20 Mar 2024 16:29
 Operator : MA/JU
 Sample : SSTD00520
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005246

Quant Time: Mar 21 00:21:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 21 00:01:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
 Supervised By :mohammad ahmed 03/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	396118	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1735159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	1089422	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	2341890	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	2095851	20.000	ng/u1	0.00
88) Perylene-d12	24.333	264	2270380	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	20634	1.758	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	7.258	132	127617	4.533	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.881	128	54088	3.736	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	41627	2.742	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	111890	4.133	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.787	166	402343	4.580	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	461648	4.639	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.363	176	347919	4.828	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.216	188	536963	4.722	ng/u1	0.00
81) Pyrene-d10	19.516	212	581739	4.371	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.121	264	511159	4.298	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	21258	1.887	ng/uL	92
12) 2-Chlorophenol	7.287	128	132499	4.574	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.528	70	117341	5.508	ng/u1	98
19) Hexachloroethane	8.799	117	55670	4.137	ng/u1	93
22) Nitrobenzene	8.922	77	144818	3.876	ng/u1	96
23) Isophorone	9.446	82	340520	5.272	ng/u1	98
25) 2-Nitrophenol	9.628	139	49672	3.038	ng/u1	95
26) 2,4-Dimethylphenol	9.687	107	144611	4.284	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.934	93	205600	5.427	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	117159	4.309	ng/u1	99
30) Naphthalene	10.563	128	472825	4.774	ng/u1	99
33) Hexachlorobutadiene	10.852	225	76366	4.026	ng/u1	97
35) 4-Chloro-3-methylphenol	11.793	107	138401	4.498	ng/u1	96
36) 2-Methylnaphthalene	12.181	142	322855	5.005	ng/u1	97
37) 1-Methylnaphthalene	12.404	142	318862	5.000	ng/u1	93
39) 1,2,4,5-Tetrachloroben...	12.546	216	153023	4.448	ng/u1	97
41) 2,4,6-Trichlorophenol	12.787	196	87504	4.009	ng/u1	99
42) 2,4,5-Trichlorophenol	12.851	196	92086	3.861	ng/u1	95
43) 1,1'-Biphenyl	13.204	154	419903	4.567	ng/u1	99
44) 2-Chloronaphthalene	13.240	162	330559	4.629	ng/u1	99
45) 2-Nitroaniline	13.440	65	66348	3.223	ng/u1	90
47) Dimethylphthalate	13.834	163	415844	4.658	ng/u1	100
48) 2,6-Dinitrotoluene	13.945	165	52320	3.035	ng/u1#	92
50) Acenaphthylene	14.087	152	548188	4.735	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.434	153	362602	4.727	ng/ul	99
56) Dibenzofuran	14.769	168	488935	4.779	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	75471	3.067	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.992	232	75499	3.933	ng/ul	98
59) Diethylphthalate	15.204	149	413221	4.331	ng/ul	99
61) Fluorene	15.422	166	410009	4.854	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.422	204	193818	4.793	ng/ul	99
67) N-Nitrosodiphenylamine	15.634	169	341405	4.621	ng/ul	96
68) 4-Bromophenyl-phenylether	16.316	248	108381	4.320	ng/ul	98
69) Hexachlorobenzene	16.416	284	133274	4.850	ng/ul#	94
72) Phenanthrene	17.157	178	647649	4.742	ng/ul	99
74) Anthracene	17.251	178	645948	4.649	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	148860	4.258	ng/uL	95
76) Pentachlorobenzene	14.681	250	150280	4.609	ng/uL	98
78) Di-n-butylphthalate	18.104	149	687954	4.013	ng/ul	100
80) Fluoranthene	19.180	202	701614	4.302	ng/ul	98
82) Pyrene	19.545	202	745229	4.446	ng/ul	98
83) Butylbenzylphthalate	20.469	149	224600	2.797	ng/ul	95
85) Benzo(a)anthracene	21.345	228	738990	4.699	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	365551	3.007	ng/ul	98
87) Chrysene	21.404	228	693576	4.755	ng/ul	98
90) Benzo(b)fluoranthene	23.398	252	652905	4.362	ng/ul	100
91) Benzo(k)fluoranthene	23.457	252	668499	4.324	ng/ul	100
93) Benzo(a)pyrene	24.198	252	613768	4.332	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.674	276	671778m	3.987	ng/ul	
95) Dibenzo(a,h)anthracene	27.751	278	557991	4.062	ng/ul	99
96) Benzo(g,h,i)perylene	28.715	276	526849	3.861	ng/ul	98

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

