

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032324\
 Data File : BN030465.D
 Acq On : 22 Mar 2024 13:38
 Operator : MA/JU
 Sample : SSTD00526
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005204

Quant Time: Mar 22 16:19:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 16:13:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/25/2024
 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	326127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	1518686	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	1084380	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	2355754	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	2303476	20.000	ng/u1	0.00
88) Perylene-d12	24.321	264	2533250	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	16204	1.849	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	88950	3.892	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.881	128	42980	3.781	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	33594	3.330	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	84305	3.697	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.781	166	366246	4.355	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	394305	4.050	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.363	176	321801	4.506	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.210	188	490998	4.360	ng/u1	0.00
81) Pyrene-d10	19.510	212	566298	4.131	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.115	264	497828	3.796	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	16351	1.805	ng/uL	97
12) 2-Chlorophenol	7.293	128	100090	4.194	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.528	70	97158	4.655	ng/u1	98
19) Hexachloroethane	8.799	117	43527	4.425	ng/u1	95
22) Nitrobenzene	8.922	77	122805	4.217	ng/u1	95
23) Isophorone	9.446	82	271088	4.305	ng/u1	99
25) 2-Nitrophenol	9.628	139	38608	3.248	ng/u1	97
26) 2,4-Dimethylphenol	9.687	107	119440	4.252	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.934	93	178733	4.706	ng/u1	98
29) 2,4-Dichlorophenol	10.157	162	90197	3.922	ng/u1	98
30) Naphthalene	10.563	128	393662	4.592	ng/u1	99
33) Hexachlorobutadiene	10.846	225	60313	4.330	ng/u1	98
35) 4-Chloro-3-methylphenol	11.793	107	109570	4.009	ng/u1	97
36) 2-Methylnaphthalene	12.181	142	269942	4.613	ng/u1	99
37) 1-Methylnaphthalene	12.398	142	269388	4.648	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	124051	3.898	ng/u1	99
41) 2,4,6-Trichlorophenol	12.787	196	68386	3.414	ng/u1	97
42) 2,4,5-Trichlorophenol	12.851	196	75416	3.461	ng/u1	94
43) 1,1'-Biphenyl	13.198	154	375380	4.406	ng/u1	98
44) 2-Chloronaphthalene	13.240	162	285544	4.263	ng/u1	96
45) 2-Nitroaniline	13.440	65	60729	3.422	ng/u1	94
47) Dimethylphthalate	13.828	163	387024	4.527	ng/u1	99
48) 2,6-Dinitrotoluene	13.945	165	49160	3.345	ng/u1	90
50) Acenaphthylene	14.087	152	478880	4.265	ng/u1	99

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

52) Acenaphthene	14.434	153	326054	4.441	ng/ul	96
56) Dibenzofuran	14.769	168	446837	4.486	ng/ul	100
57) 2,4-Dinitrotoluene	14.728	165	71559	3.330	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	14.987	232	62979	3.509	ng/ul	98
59) Diethylphthalate	15.204	149	385631	4.421	ng/ul	99
61) Fluorene	15.416	166	382070	4.764	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	181327	4.708	ng/ul	96
67) N-Nitrosodiphenylamine	15.634	169	316963	4.395	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	102892	4.326	ng/ul	98
69) Hexachlorobenzene	16.410	284	121935	4.271	ng/ul	96
72) Phenanthrene	17.157	178	610977	4.623	ng/ul	99
74) Anthracene	17.245	178	622515	4.632	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	125330	3.906	ng/uL	95
76) Pentachlorobenzene	14.681	250	135231	4.260	ng/uL	99
78) Di-n-butylphthalate	18.098	149	621159	4.125	ng/ul	100
80) Fluoranthene	19.175	202	675255	4.067	ng/ul	99
82) Pyrene	19.539	202	745681	4.335	ng/ul	99
83) Butylbenzylphthalate	20.463	149	218649	3.282	ng/ul	98
85) Benzo(a)anthracene	21.339	228	749518	4.413	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	360004	3.485	ng/ul	94
87) Chrysene	21.398	228	689133	4.417	ng/ul	98
90) Benzo(b)fluoranthene	23.386	252	656743	3.993	ng/ul	99
91) Benzo(k)fluoranthene	23.445	252	690239	4.176	ng/ul	98
93) Benzo(a)pyrene	24.180	252	632045	4.107	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.651	276	691884m	4.125	ng/ul	
95) Dibenzo(a,h)anthracene	27.721	278	596789	4.244	ng/ul	98
96) Benzo(g,h,i)perylene	28.692	276	560589	4.230	ng/ul	99

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

