

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042924\
 Data File : BN031305.D
 Acq On : 29 Apr 2024 12:58
 Operator : MA/JU
 Sample : SSTD01045
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010225

Quant Time: Apr 29 14:25:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 29 14:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	216147	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	986849	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	668421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1386746	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1084855	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	987026	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	18961	4.197	ng/uL	0.00
4) Pyridine-d5	3.546	84	134868	9.934	ng/u1	0.00
7) Phenol-d5	6.793	99	171987	10.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	106129	10.163	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	141008	10.773	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	144329	10.036	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	70701	10.578	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	75720	11.924	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	145956	10.901	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	229244	10.578	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	463003	10.749	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	535619	10.822	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	73483	8.984	ng/u1	0.00
60) Fluorene-d10	15.263	176	411063	10.954	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	62057	9.892	ng/u1	0.00
73) Anthracene-d10	17.116	188	617033	10.719	ng/u1	0.00
81) Pyrene-d10	19.422	212	679292	11.621	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	457004	10.395	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	20971	4.316	ng/uL	95
5) Pyridine	3.564	79	141421	10.366	ng/u1	98
6) Benzaldehyde	6.769	77	95431m	11.985	ng/u1	
8) Phenol	6.822	94	179258	10.073	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	147691	10.217	ng/u1	98
12) 2-Chlorophenol	7.181	128	147038	10.540	ng/u1	98
13) 2-Methylphenol	8.063	108	137076	9.966	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	197228	9.794	ng/u1	100
16) Acetophenone	8.440	105	237358	10.599	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	118717	10.491	ng/u1	100
18) 4-Methylphenol	8.387	108	157393	10.267	ng/u1	100
19) Hexachloroethane	8.681	117	59616	10.229	ng/u1	98
22) Nitrobenzene	8.816	77	173558	10.660	ng/u1	99
23) Isophorone	9.334	82	335692	10.443	ng/u1	99
25) 2-Nitrophenol	9.522	139	81817	11.123	ng/u1	100
26) 2,4-Dimethylphenol	9.581	107	160243	10.124	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.822	93	214423	10.500	ng/u1	98
29) 2,4-Dichlorophenol	10.046	162	143801	10.560	ng/u1	97
30) Naphthalene	10.446	128	516352	10.596	ng/u1	99
32) 4-Chloroaniline	10.563	127	218818	10.488	ng/u1	99
33) Hexachlorobutadiene	10.722	225	84978	10.033	ng/u1	96
34) Caprolactam	11.346	113	48379	9.578	ng/u1	97
35) 4-Chloro-3-methylphenol	11.693	107	168061	10.988	ng/u1	96
36) 2-Methylnaphthalene	12.063	142	356761	10.518	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	361241	10.475	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	178091	10.622	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	83044	8.718	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	120789	11.425	ng/ul	94
42) 2,4,5-Trichlorophenol	12.757	196	129826	10.941	ng/ul	98
43) 1,1'-Biphenyl	13.093	154	479677	10.837	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	378193	10.854	ng/ul	99
45) 2-Nitroaniline	13.351	65	99059	10.562	ng/ul	98
47) Dimethylphthalate	13.728	163	479225	10.766	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	85371	10.277	ng/ul	99
50) Acenaphthylene	13.987	152	629509	11.008	ng/ul	99
51) 3-Nitroaniline	14.187	138	93619	10.618	ng/ul	100
52) Acenaphthene	14.328	153	412200	10.815	ng/ul	98
53) 2,4-Dinitrophenol	14.393	184	36419	8.964	ng/ul	90
55) 4-Nitrophenol	14.498	109	60777	9.397	ng/ul	97
56) Dibenzofuran	14.669	168	570357	10.786	ng/ul	100
57) 2,4-Dinitrotoluene	14.640	165	132809	10.943	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.893	232	110761	11.154	ng/ul	95
59) Diethylphthalate	15.098	149	479961	10.633	ng/ul	98
61) Fluorene	15.316	166	464891	11.134	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	227561	11.126	ng/ul	94
63) 4-Nitroaniline	15.351	138	87698m	10.369	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.404	198	69172	10.282	ng/ul	95
67) N-Nitrosodiphenylamine	15.534	169	398341	10.934	ng/ul	96
68) 4-Bromophenyl-phenylether	16.210	248	137820	10.777	ng/ul	94
69) Hexachlorobenzene	16.316	284	161107	10.845	ng/ul	98
70) Atrazine	16.492	200	133862	10.646	ng/ul	97
71) Pentachlorophenol	16.663	266	85299	9.545	ng/ul	91
72) Phenanthrene	17.057	178	745619	10.871	ng/ul	100
74) Anthracene	17.151	178	750829	10.845	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	182518	10.938	ng/uL	98
76) Pentachlorobenzene	14.581	250	182821	10.869	ng/uL	95
77) Carbazole	17.428	167	676573	11.143	ng/ul	99
78) Di-n-butylphthalate	17.992	149	831421	11.192	ng/ul	100
80) Fluoranthene	19.086	202	835987	11.995	ng/ul	99
82) Pyrene	19.451	202	865189	11.818	ng/ul	99
83) Butylbenzylphthalate	20.363	149	335538	11.837	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.175	252	197520	10.246	ng/ul	95
85) Benzo(a)anthracene	21.233	228	748013	10.626	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	460427	11.339	ng/ul	98
87) Chrysene	21.298	228	710048	10.703	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	682433	10.933	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	614495	10.906	ng/ul	96
91) Benzo(k)fluoranthene	23.292	252	598201	10.547	ng/ul	97
93) Benzo(a)pyrene	24.010	252	545337	10.324	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.380	276	607159	10.579	ng/ul	98
95) Dibenzo(a,h)anthracene	27.433	278	506149	10.468	ng/ul	97
96) Benzo(g,h,i)perylene	28.398	276	486895m	10.746	ng/ul	

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

