

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030822\
 Data File : BN018866.D
 Acq On : 08 Mar 2022 12:15
 Operator : CG/JU
 Sample : SSTD04048
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040248

Quant Time: Mar 08 12:49:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 12:28:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2022
 Supervised By :Yogesh Patel 03/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	166325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	749441	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	504984	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1111327	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1190091	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	1353860	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	62078	13.845	ng/uL	0.00
4) Pyridine-d5	3.693	84	485690	38.321	ng/u1	0.00
7) Phenol-d5	7.058	99	620220	40.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	365550	38.911	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	455077	39.592	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	500296	40.583	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	236642	40.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	266632	41.300	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	478388	39.141	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	691620	39.344	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	1478253	38.053	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1857126	38.501	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	307357	41.501	ng/u1	0.00
60) Fluorene-d10	15.534	176	1261386	38.237	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	275231	38.565	ng/u1	0.00
73) Anthracene-d10	17.381	188	2018020	37.404	ng/u1	0.00
81) Pyrene-d10	19.669	212	2448089	33.979	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	2712209	37.649	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	67644	14.163	ng/uL	98
5) Pyridine	3.711	79	497653	38.042	ng/u1	99
6) Benzaldehyde	7.034	77	344733	45.808	ng/u1	97
8) Phenol	7.087	94	642461	39.987	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	492499	38.928	ng/u1	98
12) 2-Chlorophenol	7.469	128	472399	39.165	ng/u1	99
13) 2-Methylphenol	8.346	108	478867	40.094	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	703025	39.643	ng/u1	99
16) Acetophenone	8.728	105	769391	41.016	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.716	70	402061	41.982	ng/u1	99
18) 4-Methylphenol	8.675	108	541598	41.532	ng/u1	100
19) Hexachloroethane	8.993	117	183804	37.621	ng/u1	94
22) Nitrobenzene	9.110	77	594646	39.467	ng/u1	99
23) Isophorone	9.634	82	1153705	40.469	ng/u1	99
25) 2-Nitrophenol	9.822	139	288797	40.596	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	599515	39.417	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	685470	38.064	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	480406	38.904	ng/u1	99
30) Naphthalene	10.763	128	1569816	37.819	ng/u1	100
32) 4-Chloroaniline	10.869	127	711908	39.504	ng/u1	98
33) Hexachlorobutadiene	11.063	225	289085	35.687	ng/u1	97
34) Caprolactam	11.622	113	179636m	42.182	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	574454	41.110	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	1098245	38.351	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1125930	38.201	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.746	216	593300	37.068	ng/ul	96
40) Hexachlorocyclopentadiene	12.728	237	349525	34.002	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	404494	39.311	ng/ul	95
42) 2,4,5-Trichlorophenol	13.046	196	447123	39.531	ng/ul	96
43) 1,1'-Biphenyl	13.381	154	1504579	37.115	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	1158626	37.152	ng/ul	97
45) 2-Nitroaniline	13.616	65	393143	42.876	ng/ul	99
47) Dimethylphthalate	13.993	163	1513246	38.259	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	317272	41.729	ng/ul	97
50) Acenaphthylene	14.263	152	1901325	38.317	ng/ul	100
51) 3-Nitroaniline	14.440	138	331867	46.305	ng/ul	98
52) Acenaphthene	14.604	153	1219303	37.487	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	193346	37.413	ng/ul	98
55) 4-Nitrophenol	14.740	109	260798	40.795	ng/ul	95
56) Dibenzofuran	14.940	168	1755948	37.362	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	471818	41.801	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	365733	40.049	ng/ul	99
59) Diethylphthalate	15.357	149	1512412	22.397	ng/ul	99
61) Fluorene	15.587	166	1368195	37.363	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	671755	36.483	ng/ul	99
63) 4-Nitroaniline	15.598	138	319820	51.775	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.663	198	277449	38.584	ng/ul	100
67) N-Nitrosodiphenylamine	15.792	169	1240693	36.638	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	436902	36.767	ng/ul	96
69) Hexachlorobenzene	16.592	284	499877	36.680	ng/ul	96
70) Atrazine	16.740	200	492193	38.948	ng/ul	99
71) Pentachlorophenol	16.934	266	323259	37.257	ng/ul	99
72) Phenanthrene	17.322	178	2376341	37.320	ng/ul	100
74) Anthracene	17.416	178	2356390	37.258	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.346	216	656519	36.269	ng/ul	98
76) Pentachlorobenzene	14.863	250	585022	36.679	ng/ul	97
77) Carbazole	17.681	167	2201074	39.895	ng/ul	97
78) Di-n-butylphthalate	18.245	149	2551939	39.258	ng/ul	98
80) Fluoranthene	19.333	202	2949382	34.708	ng/ul	100
82) Pyrene	19.698	202	2896308	33.074	ng/ul	97
83) Butylbenzylphthalate	20.592	149	1274975	39.727	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.375	252	1068425	46.942	ng/ul	98
85) Benzo(a)anthracene	21.445	228	3003345	37.086	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.375	149	1784956	39.028	ng/ul	97
87) Chrysene	21.498	228	2905636	37.083	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	3426421	33.538	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	3461172	35.712	ng/ul	97
91) Benzo(k)fluoranthene	23.174	252	3174616	34.759	ng/ul	97
93) Benzo(a)pyrene	23.757	252	3389304	37.446	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.351	276	4058040	46.750	ng/ul	96
95) Dibenzo(a,h)anthracene	26.368	278	3386182	45.912	ng/ul	97
96) Benzo(g,h,i)perylene	27.115	276	3458302	48.349	ng/ul	97

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

