

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
 Data File : BN029629.D
 Acq On : 10 Feb 2024 03:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020299

Quant Time: Feb 10 03:46:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
 Supervised By :mohammad ahmed 02/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	232445	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	955583	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	467791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	806497	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	644899	20.000	ng/u1	-0.01
88) Perylene-d12	23.845	264	745535	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	52665	7.452	ng/uL	0.00
4) Pyridine-d5	3.734	84	344316	18.269	ng/u1	0.00
7) Phenol-d5	7.046	99	406469	18.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	269503	18.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	315535	20.027	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	297797	18.366	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	143369	19.331	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	127262	19.702	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	248489	19.490	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	382761	17.597	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	611158	17.548	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	775305	18.745	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	99461	15.047	ng/u1	0.00
60) Fluorene-d10	15.516	176	529788	17.881	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	61874	15.745	ng/u1	0.00
73) Anthracene-d10	17.375	188	727899	19.258	ng/u1	0.00
81) Pyrene-d10	19.669	212	730133	18.866	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.692	264	684142	18.339	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	52924	7.231	ng/uL	97
5) Pyridine	3.758	79	361914	18.562	ng/u1	95
6) Benzaldehyde	7.028	77	237992m	24.420	ng/u1	
8) Phenol	7.075	94	419912	18.845	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.316	93	352915	18.835	ng/u1	99
12) 2-Chlorophenol	7.440	128	328673	19.883	ng/u1	98
13) 2-Methylphenol	8.322	108	296834	18.460	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.411	45	463358	18.935	ng/u1	99
16) Acetophenone	8.710	105	490119	18.992	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	258703	19.417	ng/u1	99
18) 4-Methylphenol	8.652	108	316952	18.654	ng/u1	98
19) Hexachloroethane	8.952	117	145374	18.951	ng/u1	99
22) Nitrobenzene	9.093	77	392309	18.669	ng/u1	99
23) Isophorone	9.616	82	666514	18.209	ng/u1	99
25) 2-Nitrophenol	9.799	139	146960	19.924	ng/u1	99
26) 2,4-Dimethylphenol	9.857	107	327249	18.512	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.105	93	428775	18.432	ng/u1	99
29) 2,4-Dichlorophenol	10.328	162	251706	19.106	ng/u1	99
30) Naphthalene	10.728	128	1016970	18.619	ng/u1	100
32) 4-Chloroaniline	10.852	127	382416	17.810	ng/u1	98
33) Hexachlorobutadiene	11.005	225	152426	18.747	ng/u1	98
34) Caprolactam	11.616	113	63051m	14.383	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	275181	18.084	ng/u1	98
36) 2-Methylnaphthalene	12.346	142	617877	18.454	ng/u1	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	611202	18.413	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	272677	19.665	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	165185	18.225	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	161021	20.147	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	171189	19.063	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	748097	18.963	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	582049	18.983	ng/ul	99
45) 2-Nitroaniline	13.610	65	160526	17.808	ng/ul	97
47) Dimethylphthalate	13.993	163	637314	17.876	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	113418	17.779	ng/ul	95
50) Acenaphthylene	14.246	152	937562	18.888	ng/ul	99
51) 3-Nitroaniline	14.440	138	116002	15.624	ng/ul	93
52) Acenaphthene	14.587	153	600449	18.312	ng/ul	94
53) 2,4-Dinitrophenol	14.645	184	40833	12.613	ng/ul	95
55) 4-Nitrophenol	14.740	109	89648	14.832	ng/ul	91
56) Dibenzofuran	14.922	168	784157	18.110	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	158502	17.647	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.145	232	116784	18.323	ng/ul	99
59) Diethylphthalate	15.357	149	629719	17.196	ng/ul	99
61) Fluorene	15.575	166	606542	17.722	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	279301	18.245	ng/ul	97
63) 4-Nitroaniline	15.604	138	114530	17.091	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.657	198	71106	16.413	ng/ul	96
67) N-Nitrosodiphenylamine	15.792	169	491847	19.571	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	144922	18.985	ng/ul	96
69) Hexachlorobenzene	16.569	284	173699	20.188	ng/ul	96
70) Atrazine	16.751	200	138561	17.647	ng/ul	99
71) Pentachlorophenol	16.922	266	84897	16.990	ng/ul	95
72) Phenanthrene	17.316	178	857539	18.381	ng/ul	99
74) Anthracene	17.410	178	894257	19.100	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	258120	21.810	ng/uL	95
76) Pentachlorobenzene	14.834	250	221809	20.931	ng/uL	97
77) Carbazole	17.681	167	767318	17.943	ng/ul	98
78) Di-n-butylphthalate	18.263	149	903943	17.578	ng/ul	99
80) Fluoranthene	19.339	202	894677	19.031	ng/ul	99
82) Pyrene	19.698	202	935400	18.808	ng/ul	99
83) Butylbenzylphthalate	20.622	149	360895	17.805	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.398	252	243537	19.497	ng/ul	98
85) Benzo(a)anthracene	21.457	228	863222	18.221	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	532145	16.973	ng/ul	98
87) Chrysene	21.510	228	820093	18.472	ng/ul	95
89) Di-n-octyl phthalate	22.333	149	854750	14.791	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	838513	17.856	ng/ul	96
91) Benzo(k)fluoranthene	23.174	252	890068	18.518	ng/ul	96
93) Benzo(a)pyrene	23.739	252	810283	17.993	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	1005715	18.340	ng/ul	98
95) Dibenzo(a,h)anthracene	26.327	278	823958	18.404	ng/ul	98
96) Benzo(g,h,i)perylene	27.045	276	843620	18.393	ng/ul	96

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

