

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033124\
 Data File : BN030555.D
 Acq On : 30 Mar 2024 18:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020330

Quant Time: Mar 31 12:57:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
 Supervised By :mohammad ahmed 04/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	242662	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	1066575	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	711171	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1458836	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1468203	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1610314	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	44802	8.656	ng/uL	0.00
4) Pyridine-d5	3.599	84	322275	20.768	ng/u1	0.00
7) Phenol-d5	6.863	99	396160	20.181	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	246440	20.326	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	319616	21.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	320977	19.510	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	160806	21.734	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	150445	22.227	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	317029	21.395	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	492109	20.173	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1008446	21.239	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1163359	21.310	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	186785	20.566	ng/u1	0.00
60) Fluorene-d10	15.339	176	866513	20.855	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	120797	18.760	ng/u1	0.00
73) Anthracene-d10	17.186	188	1345007	21.398	ng/u1	0.00
81) Pyrene-d10	19.486	212	1562037	19.789	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	1629155	21.956	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	47252	8.523	ng/uL	97
5) Pyridine	3.622	79	326226	20.834	ng/u1	97
6) Benzaldehyde	6.846	77	231867	25.364	ng/u1	97
8) Phenol	6.893	94	410856	20.091	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	341204	20.461	ng/u1	99
12) 2-Chlorophenol	7.263	128	335441	20.998	ng/u1	96
13) 2-Methylphenol	8.134	108	309244	19.624	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	470381	20.032	ng/u1	99
16) Acetophenone	8.522	105	526626	20.274	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.504	70	263627	20.151	ng/u1	97
18) 4-Methylphenol	8.463	108	349828	19.830	ng/u1	100
19) Hexachloroethane	8.769	117	139008	20.755	ng/u1	97
22) Nitrobenzene	8.899	77	386558	21.402	ng/u1	100
23) Isophorone	9.422	82	757901	21.041	ng/u1	99
25) 2-Nitrophenol	9.604	139	175568	22.071	ng/u1	98
26) 2,4-Dimethylphenol	9.663	107	369342	20.890	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.904	93	473464	20.674	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	318333	21.047	ng/u1	99
30) Naphthalene	10.534	128	1146138	20.952	ng/u1	100
32) 4-Chloroaniline	10.645	127	478116	20.337	ng/u1	99
33) Hexachlorobutadiene	10.816	225	196020	20.590	ng/u1	97
34) Caprolactam	11.410	113	109285m	19.341	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	352681	20.703	ng/u1	99
36) 2-Methylnaphthalene	12.151	142	787054	20.602	ng/u1	92

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	794213	20.480	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.522	216	392788	21.402	ng/ul	94
40) Hexachlorocyclopentadiene	12.498	237	222991	21.395	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	246102	21.459	ng/ul	96
42) 2,4,5-Trichlorophenol	12.828	196	266620	20.585	ng/ul	96
43) 1,1'-Biphenyl	13.175	154	1018445	21.010	ng/ul	100
44) 2-Chloronaphthalene	13.210	162	803998	21.070	ng/ul	98
45) 2-Nitroaniline	13.422	65	215215	21.193	ng/ul	98
47) Dimethylphthalate	13.804	163	1022737	20.852	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	192987	21.222	ng/ul	95
50) Acenaphthylene	14.063	152	1351026	21.418	ng/ul	100
51) 3-Nitroaniline	14.251	138	213069	22.074	ng/ul	99
52) Acenaphthene	14.404	153	880994	20.958	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	72236	17.294	ng/ul	97
55) 4-Nitrophenol	14.557	109	148698	20.665	ng/ul	100
56) Dibenzofuran	14.745	168	1230205	21.054	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	286785	21.600	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.969	232	230970	21.472	ng/ul	98
59) Diethylphthalate	15.175	149	1038017	20.832	ng/ul	100
61) Fluorene	15.392	166	975068	20.994	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	481210	21.118	ng/ul	98
63) 4-Nitroaniline	15.416	138	229847	24.494	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	136237	19.691	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	859508	21.634	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	289961	20.932	ng/ul	97
69) Hexachlorobenzene	16.386	284	334906	20.531	ng/ul	97
70) Atrazine	16.563	200	295565	21.464	ng/ul	99
71) Pentachlorophenol	16.733	266	200192	20.815	ng/ul	98
72) Phenanthrene	17.133	178	1604323	21.405	ng/ul	99
74) Anthracene	17.222	178	1609088	21.237	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	394370	22.004	ng/uL	98
76) Pentachlorobenzene	14.657	250	395840	21.744	ng/uL	98
77) Carbazole	17.498	167	1498914	22.558	ng/ul	98
78) Di-n-butylphthalate	18.069	149	1797079	22.169	ng/ul	100
80) Fluoranthene	19.151	202	1878025	20.014	ng/ul	98
82) Pyrene	19.516	202	1988756	20.068	ng/ul	99
83) Butylbenzylphthalate	20.433	149	795316	21.015	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.245	252	560786	20.787	ng/ul	100
85) Benzo(a)anthracene	21.310	228	1995906	20.369	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	1213181	21.737	ng/ul	98
87) Chrysene	21.374	228	1895775	20.498	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	2027374	19.881	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1970735	20.795	ng/ul	97
91) Benzo(k)fluoranthene	23.410	252	1964074	20.407	ng/ul	99
93) Benzo(a)pyrene	24.133	252	1922272	21.472	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.580	276	2244005	23.188	ng/ul	99
95) Dibenzo(a,h)anthracene	27.650	278	1868918	22.940	ng/ul	96
96) Benzo(g,h,i)perylene	28.621	276	1770078	23.299	ng/ul	96

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

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