

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052024\
 Data File : BN031593.D
 Acq On : 21 May 2024 07:43
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020254

Quant Time: May 21 08:13:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 15 02:37:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	911052	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	4035691	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	2469811	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	4632791	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2761755	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	3042094	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	169496	7.663	ng/uL	0.00
4) Pyridine-d5	3.605	84	1269644	18.774	ng/u1	0.00
7) Phenol-d5	6.858	99	1608393	20.802	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	963179	19.028	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	1219195	23.003	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	1285677	21.654	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	639463	24.042	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	637943	31.782	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	1206682	24.197	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	1743361	19.655	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	3379556	21.634	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	4092639	21.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	632142	21.099	ng/u1	0.00
60) Fluorene-d10	15.328	176	2873361	20.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	409131	24.665	ng/u1	0.00
73) Anthracene-d10	17.175	188	3922790	19.803	ng/u1	0.00
81) Pyrene-d10	19.469	212	3692937	26.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2873876	21.284	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	182924	7.749	ng/uL	93
5) Pyridine	3.622	79	1269915	18.717	ng/u1	92
6) Benzaldehyde	6.846	77	910112m	23.008	ng/u1	
8) Phenol	6.887	94	1653795	20.250	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	1372410	20.073	ng/u1	92
12) 2-Chlorophenol	7.257	128	1267387	21.935	ng/u1	95
13) 2-Methylphenol	8.134	108	1266004	21.203	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	1615403	18.192	ng/u1	97
16) Acetophenone	8.516	105	2002704	19.848	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.504	70	1009807	20.190	ng/u1	93
18) 4-Methylphenol	8.463	108	1346341	20.915	ng/u1	98
19) Hexachloroethane	8.763	117	542513	20.640	ng/u1	96
22) Nitrobenzene	8.893	77	1509628	20.329	ng/u1	92
23) Isophorone	9.416	82	3000752	21.296	ng/u1	97
25) 2-Nitrophenol	9.599	139	692274	29.332	ng/u1	91
26) 2,4-Dimethylphenol	9.657	107	1353136	21.374	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.899	93	1865475	20.459	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	1176229	23.207	ng/u1	97
30) Naphthalene	10.528	128	4222656	20.063	ng/u1	99
32) 4-Chloroaniline	10.640	127	1709143	19.557	ng/u1	100
33) Hexachlorobutadiene	10.810	225	708324	20.955	ng/u1	97
34) Caprolactam	11.410	113	427914m	22.329	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	1352321	23.011	ng/u1	99
36) 2-Methylnaphthalene	12.145	142	2853420	20.846	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	2837408	20.458	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	1382100	21.289	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	723907	20.486	ng/ul	94
41) 2,4,6-Trichlorophenol	12.751	196	931636	27.503	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	980510	24.760	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	3589736	20.588	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	2782980	20.331	ng/ul	96
45) 2-Nitroaniline	13.410	65	822085	23.338	ng/ul	86
47) Dimethylphthalate	13.798	163	3415878	20.847	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	723009	25.902	ng/ul	89
50) Acenaphthylene	14.051	152	4583734	20.415	ng/ul	99
51) 3-Nitroaniline	14.239	138	782268	23.926	ng/ul#	93
52) Acenaphthene	14.398	153	3018068	20.045	ng/ul	97
53) 2,4-Dinitrophenol	14.445	184	264693	22.263	ng/ul	95
55) 4-Nitrophenol	14.545	109	468094	19.338	ng/ul	92
56) Dibenzofuran	14.734	168	3996356	19.589	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	1005125	24.873	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.957	232	752462	26.229	ng/ul	100
59) Diethylphthalate	15.169	149	3453722	21.028	ng/ul	99
61) Fluorene	15.381	166	3214136	19.195	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	1553959	19.447	ng/ul	99
63) 4-Nitroaniline	15.404	138	742515	22.526	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.463	198	452585	24.665	ng/ul#	90
67) N-Nitrosodiphenylamine	15.592	169	2790577	22.212	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	955783	22.708	ng/ul	95
69) Hexachlorobenzene	16.375	284	1037041	21.130	ng/ul	99
70) Atrazine	16.551	200	831419	22.450	ng/ul	98
71) Pentachlorophenol	16.722	266	580624	23.327	ng/ul	95
72) Phenanthrene	17.122	178	4737633	19.520	ng/ul	99
74) Anthracene	17.210	178	4802640	19.624	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	1385208	23.643	ng/uL	97
76) Pentachlorobenzene	14.645	250	1279033	22.548	ng/uL	99
77) Carbazole	17.480	167	4234635	19.222	ng/ul	96
78) Di-n-butylphthalate	18.051	149	5552277	22.864	ng/ul	99
80) Fluoranthene	19.133	202	4613044	28.524	ng/ul	99
82) Pyrene	19.498	202	4623888	26.400	ng/ul	98
83) Butylbenzylphthalate	20.410	149	1946598	35.251	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.216	252	1072868	21.079	ng/ul	98
85) Benzo(a)anthracene	21.286	228	3851208	21.214	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	2695679	29.710	ng/ul	97
87) Chrysene	21.345	228	3520828	20.740	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	4067921	26.834	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3534945	20.504	ng/ul	97
91) Benzo(k)fluoranthene	23.368	252	3593031	20.392	ng/ul	99
93) Benzo(a)pyrene	24.104	252	3372654	20.174	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.551	276	4137536m	21.961	ng/ul	
95) Dibenzo(a,h)anthracene	27.609	278	3342129	20.824	ng/ul	97
96) Benzo(g,h,i)perylene	28.574	276	3360918m	22.090	ng/ul	

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

