

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030681.D
 Acq On : 05 Apr 2024 20:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020342

Quant Time: Apr 05 22:27:01 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 :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	170273	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	820629	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.333	164	600164	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1362753	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1351769	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1527929	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	29054	8.000	ng/uL	0.00
4) Pyridine-d5	3.599	84	211926	19.463	ng/u1	0.00
7) Phenol-d5	6.863	99	276790	20.095	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	168919	19.855	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	227811	21.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	240011	20.791	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	120244	21.123	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	132755	25.492	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	248605	21.806	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	378972	20.191	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	858729	21.431	ng/u1	0.00
49) Acenaphthylene-d8	14.027	160	966270	20.973	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	170756	22.278	ng/u1	0.00
60) Fluorene-d10	15.327	176	731096	20.850	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	126781	21.077	ng/u1	0.00
73) Anthracene-d10	17.180	188	1194997	20.352	ng/u1	0.00
81) Pyrene-d10	19.480	212	1443754	19.865	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	1458650	20.718	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	31531	8.105	ng/uL	95
5) Pyridine	3.616	79	215683	19.630	ng/u1	99
6) Benzaldehyde	6.840	77	161103	25.115	ng/u1	95
8) Phenol	6.887	94	288101	20.078	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	240167	20.525	ng/u1	99
12) 2-Chlorophenol	7.257	128	234708	20.939	ng/u1	97
13) 2-Methylphenol	8.134	108	226911	20.521	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	319424	19.386	ng/u1	99
16) Acetophenone	8.510	105	391577	21.484	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.498	70	202348	22.042	ng/u1	97
18) 4-Methylphenol	8.457	108	253415	20.472	ng/u1	98
19) Hexachloroethane	8.763	117	98930	21.051	ng/u1	97
22) Nitrobenzene	8.887	77	283624	20.410	ng/u1	99
23) Isophorone	9.410	82	602931	21.756	ng/u1	99
25) 2-Nitrophenol	9.592	139	141735	23.158	ng/u1	96
26) 2,4-Dimethylphenol	9.657	107	286052	21.028	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.898	93	359988	20.430	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	242463	20.835	ng/u1	98
30) Naphthalene	10.528	128	859672	20.425	ng/u1	100
32) 4-Chloroaniline	10.639	127	369971	20.453	ng/u1	97
33) Hexachlorobutadiene	10.804	225	151376	20.666	ng/u1	99
34) Caprolactam	11.410	113	99111	22.798	ng/u1	95
35) 4-Chloro-3-methylphenol	11.769	107	294342	22.457	ng/u1	98
36) 2-Methylnaphthalene	12.139	142	608523	20.703	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	629094	21.084	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	312862	20.200	ng/ul	94
40) Hexachlorocyclopentadiene	12.486	237	175607	19.965	ng/ul	95
41) 2,4,6-Trichlorophenol	12.757	196	216295	22.348	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	236792	21.664	ng/ul	92
43) 1,1'-Biphenyl	13.163	154	831804	20.334	ng/ul	97
44) 2-Chloronaphthalene	13.204	162	650841	20.211	ng/ul	99
45) 2-Nitroaniline	13.416	65	186562	21.770	ng/ul	97
47) Dimethylphthalate	13.798	163	890140	21.505	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	176901	23.051	ng/ul	99
50) Acenaphthylene	14.057	152	1118719	21.016	ng/ul	99
51) 3-Nitroaniline	14.245	138	184925	22.702	ng/ul	98
52) Acenaphthene	14.398	153	740269	20.868	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	78340	22.225	ng/ul	94
55) 4-Nitrophenol	14.557	109	132052	21.746	ng/ul	100
56) Dibenzofuran	14.733	168	1010853	20.500	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	265595	23.704	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.963	232	212670	23.427	ng/ul	98
59) Diethylphthalate	15.169	149	925517	22.010	ng/ul	99
61) Fluorene	15.386	166	837229	21.361	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.386	204	411714	21.410	ng/ul	97
63) 4-Nitroaniline	15.410	138	199966	25.251	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	140513	21.740	ng/ul	91
67) N-Nitrosodiphenylamine	15.598	169	731069	19.699	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	260004	20.092	ng/ul	98
69) Hexachlorobenzene	16.380	284	304135	19.959	ng/ul	96
70) Atrazine	16.557	200	273657	21.274	ng/ul	97
71) Pentachlorophenol	16.733	266	180564	20.098	ng/ul	95
72) Phenanthrene	17.127	178	1419207	20.270	ng/ul	99
74) Anthracene	17.216	178	1441416	20.365	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	317817	18.983	ng/uL	96
76) Pentachlorobenzene	14.651	250	328998	19.347	ng/uL	95
77) Carbazole	17.492	167	1320091	21.267	ng/ul	97
78) Di-n-butylphthalate	18.063	149	1731857	22.871	ng/ul	99
80) Fluoranthene	19.151	202	1688462	19.544	ng/ul	99
82) Pyrene	19.515	202	1791632	19.636	ng/ul	97
83) Butylbenzylphthalate	20.427	149	810638	23.265	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.233	252	589636	23.739	ng/ul	98
85) Benzo(a)anthracene	21.304	228	1850028	20.507	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1194073	23.238	ng/ul	98
87) Chrysene	21.368	228	1708371	20.063	ng/ul	97
89) Di-n-octyl phthalate	22.356	149	2160247	22.326	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1834284	20.399	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	1844756	20.201	ng/ul	100
93) Benzo(a)pyrene	24.127	252	1708711	20.116	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.574	276	1922618	20.938	ng/ul	97
95) Dibenzo(a,h)anthracene	27.627	278	1616918	20.917	ng/ul	94
96) Benzo(g,h,i)perylene	28.609	276	1529638m	21.220	ng/ul	

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

