

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020053.D
 Acq On : 20 Apr 2024 21:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020771

Quant Time: Apr 22 09:35:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	121399	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	488111	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	309520	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	643468	20.000	ng/u1	0.02
79) Chrysene-d12	21.674	240	652103	20.000	ng/u1	0.02
88) Perylene-d12	25.074	264	723189	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	24552	8.287	ng/uL	0.00
4) Pyridine-d5	3.628	84	180046	20.645	ng/u1	0.00
7) Phenol-d5	6.816	99	213042	20.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	150488	20.349	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	155314	21.499	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	165840	20.066	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	77971	22.207	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	86428	22.773	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	164748	21.881	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	212962	21.188	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	448863	21.220	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	543977	21.576	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	71070	22.071	ng/u1	0.01
60) Fluorene-d10	15.345	176	393713	20.909	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	78947	21.001	ng/u1	0.01
73) Anthracene-d10	17.269	188	592334	20.547	ng/u1	0.00
81) Pyrene-d10	19.669	212	721995	20.602	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.821	264	739466	20.932	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	26384	7.922	ng/uL	94
5) Pyridine	3.646	79	185683	20.564	ng/u1	98
6) Benzaldehyde	6.805	77	152724	24.146	ng/u1	98
8) Phenol	6.846	94	229926	20.622	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.081	93	186606	20.497	ng/u1	99
12) 2-Chlorophenol	7.205	128	162229	21.312	ng/u1	94
13) 2-Methylphenol	8.075	108	164474	20.129	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.157	45	274558	20.634	ng/u1	99
16) Acetophenone	8.463	105	282379	19.945	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	166421	20.123	ng/u1	96
18) 4-Methylphenol	8.404	108	177643	20.431	ng/u1	95
19) Hexachloroethane	8.693	117	78650	20.992	ng/u1	98
22) Nitrobenzene	8.834	77	249949	21.844	ng/u1	99
23) Isophorone	9.357	82	440653	20.749	ng/u1	99
25) 2-Nitrophenol	9.534	139	91835	22.717	ng/u1	99
26) 2,4-Dimethylphenol	9.599	107	206167	21.319	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	251456	21.117	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	162408	22.152	ng/u1	98
30) Naphthalene	10.457	128	536337	21.189	ng/u1	100
32) 4-Chloroaniline	10.593	127	208115	20.870	ng/u1	98
33) Hexachlorobutadiene	10.728	225	128972	21.394	ng/u1	97
34) Caprolactam	11.398	113	46671m	20.312	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	184051	20.940	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	361479	20.686	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	360132	20.753	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.463	216	218284	21.640	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	117280	20.182	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	131104	21.691	ng/ul	100
42) 2,4,5-Trichlorophenol	12.798	196	138976	22.120	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	470651	21.210	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	376720	21.251	ng/ul	99
45) 2-Nitroaniline	13.398	65	133292	23.143	ng/ul	98
47) Dimethylphthalate	13.781	163	466255	21.465	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	94580	23.075	ng/ul	99
50) Acenaphthylene	14.034	152	608031	21.395	ng/ul	99
51) 3-Nitroaniline	14.251	138	89502	23.070	ng/ul	99
52) Acenaphthene	14.387	153	397167	21.201	ng/ul	97
53) 2,4-Dinitrophenol	14.486	184	49053	19.902	ng/ul	95
55) 4-Nitrophenol	14.581	109	76597	20.879	ng/ul	99
56) Dibenzofuran	14.739	168	546287	21.121	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	132332	22.806	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	14.969	232	120778	22.199	ng/ul	98
59) Diethylphthalate	15.186	149	456283	20.919	ng/ul	99
61) Fluorene	15.404	166	453960	21.242	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	240831	20.741	ng/ul	98
63) 4-Nitroaniline	15.463	138	80908	23.489	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.510	198	82956	21.232	ng/ul#	95
67) N-Nitrosodiphenylamine	15.634	169	369631	20.767	ng/ul	98
68) 4-Bromophenyl-phenylether	16.333	248	143642	20.354	ng/ul	99
69) Hexachlorobenzene	16.439	284	160706	21.037	ng/ul	97
70) Atrazine	16.639	200	143650	21.977	ng/ul	98
71) Pentachlorophenol	16.810	266	97039	20.957	ng/ul	98
72) Phenanthrene	17.216	178	706550	21.147	ng/ul	99
74) Anthracene	17.304	178	704132	20.664	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	216665	21.238	ng/uL	97
76) Pentachlorobenzene	14.645	250	198716	20.700	ng/uL	98
77) Carbazole	17.604	167	626932	21.471	ng/ul	100
78) Di-n-butylphthalate	18.198	149	770980	21.885	ng/ul	99
80) Fluoranthene	19.327	202	848428	20.592	ng/ul	99
82) Pyrene	19.704	202	880280	20.536	ng/ul	99
83) Butylbenzylphthalate	20.680	149	356441	21.809	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.586	252	312546	21.675	ng/ul	99
85) Benzo(a)anthracene	21.645	228	950237	21.066	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	539895	21.428	ng/ul	97
87) Chrysene	21.721	228	876312	20.629	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	913528	20.438	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	908880	20.853	ng/ul	98
91) Benzo(k)fluoranthene	24.062	252	938442	21.002	ng/ul	100
93) Benzo(a)pyrene	24.892	252	872891	20.783	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.915	276	1027507m	21.098	ng/ul	
95) Dibenzo(a,h)anthracene	28.992	278	847805	21.365	ng/ul	98
96) Benzo(g,h,i)perylene	30.115	276	823985	21.153	ng/ul	98

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