

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
 Data File : BP022329.D
 Acq On : 11 Oct 2024 11:01
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020797

Quant Time: Oct 11 12:34:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	109441	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	409359	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	336578	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	841381	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	940365	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1064115	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	19999	7.101	ng/uL	0.00
4) Pyridine-d5	3.634	84	144513	18.692	ng/u1	0.00
7) Phenol-d5	6.881	99	175290	19.028	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	101519	18.749	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	133839	20.475	ng/u1	-0.01
15) 4-Methylphenol-d8	8.399	113	143106	19.465	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	67008	21.289	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	79236	21.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	166939	21.554	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	182762	19.970	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	507379	18.973	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	559217	19.689	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	86560	19.294	ng/u1	0.01
60) Fluorene-d10	15.316	176	462522	19.941	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	100499	18.161	ng/u1	0.00
73) Anthracene-d10	17.222	188	792463	20.022	ng/u1	0.00
81) Pyrene-d10	19.592	212	1009124	20.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1088989	19.162	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	22143	7.312	ng/uL	100
5) Pyridine	3.652	79	145919	18.407	ng/u1	98
6) Benzaldehyde	6.852	77	107984	21.690	ng/u1	97
8) Phenol	6.910	94	177173	18.485	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.122	93	138624	19.325	ng/u1	99
12) 2-Chlorophenol	7.269	128	134656	19.921	ng/u1	97
13) 2-Methylphenol	8.134	108	133582	19.204	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	155368	18.637	ng/u1	96
16) Acetophenone	8.504	105	228957	18.864	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.487	70	118703	19.303	ng/u1	97
18) 4-Methylphenol	8.457	108	142551	18.473	ng/u1	100
19) Hexachloroethane	8.757	117	63681	20.228	ng/u1	98
22) Nitrobenzene	8.881	77	182863	19.463	ng/u1	98
23) Isophorone	9.399	82	331349	19.670	ng/u1	100
25) 2-Nitrophenol	9.587	139	80527	20.504	ng/u1	100
26) 2,4-Dimethylphenol	9.640	107	171738	20.119	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.875	93	187970	19.652	ng/u1	97
29) 2,4-Dichlorophenol	10.116	162	159092	20.859	ng/u1	98
30) Naphthalene	10.510	128	440481	20.202	ng/u1	99
32) 4-Chloroaniline	10.610	127	179277	19.845	ng/u1	97
33) Hexachlorobutadiene	10.793	225	130205	20.255	ng/u1	99
34) Caprolactam	11.393	113	53474	21.747	ng/u1	89
35) 4-Chloro-3-methylphenol	11.745	107	171769	20.641	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	322018	20.120	ng/u1	100

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37) 1-Methylnaphthalene	12.340	142	334191	20.458	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	246117	19.776	ng/ul	95
40) Hexachlorocyclopentadiene	12.469	237	110330	14.551	ng/ul	100
41) 2,4,6-Trichlorophenol	12.734	196	154595	19.748	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	166031	19.919	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	466624	19.234	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	387257	19.500	ng/ul	99
45) 2-Nitroaniline	13.387	65	112629	18.993	ng/ul	95
47) Dimethylphthalate	13.763	163	499984	18.763	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	103393	20.514	ng/ul	96
50) Acenaphthylene	14.034	152	600871	20.384	ng/ul	99
51) 3-Nitroaniline	14.222	138	97096	20.511	ng/ul	97
52) Acenaphthene	14.375	153	401607	19.267	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	71215	19.204	ng/ul	98
55) 4-Nitrophenol	14.551	109	110813	22.255	ng/ul	93
56) Dibenzofuran	14.716	168	602302	19.236	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	159206	20.327	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	161662	20.779	ng/ul	98
59) Diethylphthalate	15.157	149	494624	19.348	ng/ul	99
61) Fluorene	15.381	166	503522	19.736	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	287593	19.712	ng/ul	98
63) 4-Nitroaniline	15.398	138	106031	22.259	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.475	198	106492	17.866	ng/ul#	96
67) N-Nitrosodiphenylamine	15.592	169	431098	19.133	ng/ul	98
68) 4-Bromophenyl-phenylether	16.286	248	208452	20.544	ng/ul	95
69) Hexachlorobenzene	16.398	284	251338	20.124	ng/ul	98
70) Atrazine	16.575	200	170117	18.164	ng/ul	97
71) Pentachlorophenol	16.757	266	158616	19.752	ng/ul	99
72) Phenanthrene	17.157	178	882214	19.598	ng/ul	99
74) Anthracene	17.257	178	922626	20.538	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	240681	18.787	ng/uL	98
76) Pentachlorobenzene	14.639	250	269486	19.029	ng/uL	99
77) Carbazole	17.528	167	799813	20.122	ng/ul	99
78) Di-n-butylphthalate	18.116	149	882315	20.061	ng/ul	99
80) Fluoranthene	19.245	202	1198719	20.968	ng/ul	99
82) Pyrene	19.622	202	1256345	20.504	ng/ul	98
83) Butylbenzylphthalate	20.563	149	432339	20.266	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	445944	19.894	ng/ul	97
85) Benzo(a)anthracene	21.521	228	1301045	19.736	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	624323	20.389	ng/ul	99
87) Chrysene	21.592	228	1189277	19.456	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1062232	20.986	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1334381	19.921	ng/ul#	99
91) Benzo(k)fluoranthene	23.857	252	1329107m	20.267	ng/ul	
93) Benzo(a)pyrene	24.674	252	1226544	19.896	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	1568751m	19.069	ng/ul	
95) Dibenzo(a,h)anthracene	28.639	278	1289089	19.351	ng/ul	98
96) Benzo(g,h,i)perylene	29.709	276	1243001	19.426	ng/ul	100

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

