

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
 Data File : BP022448.D
 Acq On : 17 Oct 2024 17:20
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020660

Quant Time: Oct 18 03:05:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	121151	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	453261	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	329974	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.081	188	713947	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	730158	20.000	ng/u1	-0.02
88) Perylene-d12	24.768	264	967723	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	21335	6.843	ng/uL	0.00
4) Pyridine-d5	3.611	84	144426	16.875	ng/u1	0.00
7) Phenol-d5	6.858	99	179975	17.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	105653	17.627	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	143501	19.831	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	151319	18.593	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	70769	20.306	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	83956	20.808	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	177726	20.725	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	183167	18.076	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	488207	18.622	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	559887	20.107	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	64152	14.586	ng/u1	0.02
60) Fluorene-d10	15.292	176	431477	18.974	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	87735	18.685	ng/u1	0.00
73) Anthracene-d10	17.186	188	653679	19.463	ng/u1	0.00
81) Pyrene-d10	19.557	212	762341	19.744	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	974434	18.855	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	23968	7.150	ng/uL	99
5) Pyridine	3.628	79	148240	16.892	ng/u1	97
6) Benzaldehyde	6.822	77	119813	21.740	ng/u1	98
8) Phenol	6.881	94	181135	17.072	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.099	93	147292	18.549	ng/u1	97
12) 2-Chlorophenol	7.240	128	141553	18.917	ng/u1	95
13) 2-Methylphenol	8.105	108	141261	18.345	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.175	45	163238	17.688	ng/u1	98
16) Acetophenone	8.475	105	246164	18.321	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.457	70	125750	18.473	ng/u1	97
18) 4-Methylphenol	8.428	108	153382	17.956	ng/u1	97
19) Hexachloroethane	8.722	117	69266	19.876	ng/u1	91
22) Nitrobenzene	8.846	77	192846	18.538	ng/u1	97
23) Isophorone	9.369	82	343761	18.430	ng/u1	97
25) 2-Nitrophenol	9.552	139	88901	20.444	ng/u1	94
26) 2,4-Dimethylphenol	9.610	107	180392	19.086	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	203837	19.247	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	172432	20.418	ng/u1	98
30) Naphthalene	10.475	128	472714	19.581	ng/u1	98
32) 4-Chloroaniline	10.581	127	178968	17.892	ng/u1	98
33) Hexachlorobutadiene	10.751	225	163332	22.947	ng/u1	99
34) Caprolactam	11.363	113	38977m	14.316	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	163872	17.785	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	341316	19.260	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	357482	19.764	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	271825	22.279	ng/ul	94
40) Hexachlorocyclopentadiene	12.434	237	193965	26.093	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.704	196	162310	21.149	ng/ul	95
42) 2,4,5-Trichlorophenol	12.781	196	167090	20.447	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	490891	20.639	ng/ul	98
44) 2-Chloronaphthalene	13.145	162	401106	20.601	ng/ul	100
45) 2-Nitroaniline	13.351	65	98445	16.933	ng/ul	95
47) Dimethylphthalate	13.734	163	487451	18.659	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	95219	19.270	ng/ul	93
50) Acenaphthylene	13.998	152	593050	20.521	ng/ul	99
51) 3-Nitroaniline	14.204	138	79733	17.180	ng/ul	91
52) Acenaphthene	14.351	153	399081	19.529	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	63028	17.336	ng/ul	93
55) 4-Nitrophenol	14.534	109	73884	15.135	ng/ul	96
56) Dibenzofuran	14.681	168	595509	19.400	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	136177	17.735	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.928	232	152191	19.953	ng/ul#	92
59) Diethylphthalate	15.128	149	451804	18.027	ng/ul	99
61) Fluorene	15.351	166	475731	19.020	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	292733	20.466	ng/ul	95
63) 4-Nitroaniline	15.369	138	76096	16.295	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.439	198	91675	18.126	ng/ul	94
67) N-Nitrosodiphenylamine	15.569	169	388363	20.313	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	198276	23.030	ng/ul	98
70) Atrazine	16.545	200	150703	18.963	ng/ul	95
71) Pentachlorophenol	16.728	266	149065	21.876	ng/ul	95
72) Phenanthrene	17.122	178	739477	19.360	ng/ul	99
74) Anthracene	17.222	178	739625	19.403	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	266548	24.520	ng/uL	95
76) Pentachlorobenzene	14.616	250	282570	23.514	ng/uL	99
77) Carbazole	17.498	167	596232	17.677	ng/ul	98
78) Di-n-butylphthalate	18.086	149	709117	19.001	ng/ul	100
80) Fluoranthene	19.210	202	893442	20.127	ng/ul	98
82) Pyrene	19.586	202	912425	19.178	ng/ul	97
83) Butylbenzylphthalate	20.533	149	308666	18.634	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	379465	21.802	ng/ul	99
85) Benzo(a)anthracene	21.480	228	998110	19.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	461436	19.407	ng/ul	99
87) Chrysene	21.545	228	913226	19.241	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	816800	17.745	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1166470	19.149	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	1121037	18.797	ng/ul	99
93) Benzo(a)pyrene	24.621	252	1063272	18.966	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	1501041	20.064	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.539	278	1239941	20.467	ng/ul	98
96) Benzo(g,h,i)perylene	29.615	276	1203595	20.683	ng/ul	98

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

