

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023437.D
 Acq On : 16 Dec 2024 17:08
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020751

Quant Time: Dec 16 23:57:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	117472	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	436608	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.151	164	334100	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	745889	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	745094	20.000	ng/u1	-0.01
88) Perylene-d12	24.533	264	798249	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	20264	6.351	ng/uL	0.00
4) Pyridine-d5	3.511	84	136499	16.636	ng/u1	0.00
7) Phenol-d5	6.752	99	172510	18.716	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	107999	18.572	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	128270	18.855	ng/u1	0.00
15) 4-Methylphenol-d8	8.258	113	140015	18.822	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	63878	19.593	ng/u1	0.00
24) 2-Nitrophenol-d4	9.387	143	77948	20.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	154244	19.449	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	191789	21.587	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	481188	18.553	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	527776	19.292	ng/u1	0.01
54) 4-Nitrophenol-d4	14.434	143	44492	13.999	ng/u1	0.02
60) Fluorene-d10	15.163	176	420793	18.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	78403	17.392	ng/u1	0.00
73) Anthracene-d10	17.057	188	703952	20.679	ng/u1	0.00
81) Pyrene-d10	19.439	212	809126	20.785	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.327	264	803246	18.797	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	19940	5.648	ng/uL	95
5) Pyridine	3.528	79	140140	16.721	ng/u1	98
6) Benzaldehyde	6.705	77	114241m	21.680	ng/u1	
8) Phenol	6.781	94	179626	18.719	ng/u1	91
10) Bis(2-Chloroethyl)ether	6.975	93	141387	18.666	ng/u1	97
12) 2-Chlorophenol	7.116	128	135473	18.996	ng/u1	98
13) 2-Methylphenol	7.993	108	136673	19.205	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	178029	19.327	ng/u1	97
16) Acetophenone	8.346	105	236424	18.883	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.328	70	127861	18.742	ng/u1	96
18) 4-Methylphenol	8.316	108	150342	19.573	ng/u1	95
19) Hexachloroethane	8.581	117	64722	18.639	ng/u1	95
22) Nitrobenzene	8.722	77	187302	18.880	ng/u1	98
23) Isophorone	9.234	82	348467	19.832	ng/u1	99
25) 2-Nitrophenol	9.422	139	81901	20.405	ng/u1	87
26) 2,4-Dimethylphenol	9.487	107	169582	19.080	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.710	93	190838	19.223	ng/u1	96
29) 2,4-Dichlorophenol	9.963	162	151291	19.249	ng/u1	98
30) Naphthalene	10.334	128	451761	19.765	ng/u1	99
32) 4-Chloroaniline	10.457	127	180947	21.004	ng/u1	100
33) Hexachlorobutadiene	10.604	225	129905	18.632	ng/u1	96
34) Caprolactam	11.240	113	46980m	20.485	ng/u1	
35) 4-Chloro-3-methylphenol	11.604	107	168215	19.710	ng/u1	95
36) 2-Methylnaphthalene	11.940	142	319969	18.878	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	330221	19.119	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.316	216	230908	18.939	ng/ul	99
40) Hexachlorocyclopentadiene	12.281	237	87526	14.941	ng/ul	98
41) 2,4,6-Trichlorophenol	12.575	196	147365	20.424	ng/ul	100
42) 2,4,5-Trichlorophenol	12.669	196	155564	20.180	ng/ul	97
43) 1,1'-Biphenyl	12.963	154	455874	19.258	ng/ul	100
44) 2-Chloronaphthalene	13.010	162	368409	19.240	ng/ul	98
45) 2-Nitroaniline	13.246	65	112976	20.365	ng/ul	94
47) Dimethylphthalate	13.604	163	478523	18.730	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	97463	19.909	ng/ul	92
50) Acenaphthylene	13.869	152	544064	19.529	ng/ul	99
51) 3-Nitroaniline	14.093	138	85692	20.886	ng/ul	98
52) Acenaphthene	14.216	153	385102	18.912	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	62048	19.655	ng/ul	94
55) 4-Nitrophenol	14.451	109	82193m	19.196	ng/ul	
56) Dibenzofuran	14.557	168	588404	19.027	ng/ul	97
57) 2,4-Dinitrotoluene	14.557	165	152217	19.296	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.810	232	142229	18.585	ng/ul#	93
59) Diethylphthalate	14.992	149	479833	18.832	ng/ul	99
61) Fluorene	15.222	166	462244	18.357	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.222	204	265327	18.167	ng/ul	97
63) 4-Nitroaniline	15.275	138	82876	22.966	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.334	198	81984	17.144	ng/ul	99
67) N-Nitrosodiphenylamine	15.434	169	405412	21.284	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	182804	20.761	ng/ul	97
69) Hexachlorobenzene	16.251	284	210657	19.528	ng/ul	97
70) Atrazine	16.416	200	180511	21.779	ng/ul	99
71) Pentachlorophenol	16.622	266	117300	18.630	ng/ul	97
72) Phenanthrene	16.998	178	771712	20.013	ng/ul	100
74) Anthracene	17.086	178	794306	20.601	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	232347	21.610	ng/uL	97
76) Pentachlorobenzene	14.481	250	244633	20.643	ng/uL	98
77) Carbazole	17.386	167	669407	21.310	ng/ul	99
78) Di-n-butylphthalate	17.957	149	796493	20.636	ng/ul	99
80) Fluoranthene	19.092	202	959760	21.516	ng/ul	99
82) Pyrene	19.469	202	1008124	21.298	ng/ul	99
83) Butylbenzylphthalate	20.416	149	358710	21.881	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.286	252	313471	18.335	ng/ul#	99
85) Benzo(a)anthracene	21.357	228	950173	19.017	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	497765	21.143	ng/ul#	99
87) Chrysene	21.422	228	863202	18.028	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	834719	21.411	ng/ul	100
90) Benzo(b)fluoranthene	23.551	252	950373	18.949	ng/ul	99
91) Benzo(k)fluoranthene	23.616	252	940453m	18.846	ng/ul	
93) Benzo(a)pyrene	24.398	252	880425	19.361	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.109	276	1171078m	20.040	ng/ul	
95) Dibenzo(a,h)anthracene	28.174	278	940360m	20.108	ng/ul	
96) Benzo(g,h,i)perylene	29.227	276	901235m	20.143	ng/ul	

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

