

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022027.D
 Acq On : 25 Sep 2024 14:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020769

Quant Time: Sep 25 15:11:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	128575	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	509771	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	399476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	982189	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1098356	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1262840	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	24864	7.575	ng/uL	0.00
4) Pyridine-d5	3.634	84	178332	19.006	ng/ul	0.00
7) Phenol-d5	6.893	99	201412	19.150	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	124442	19.215	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	154448	20.296	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	161342	19.359	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	73404	19.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	84994	19.647	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	184194	19.606	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	211327	18.852	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	578962	18.749	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	625357	19.127	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	96001	18.175	ng/ul	0.00
60) Fluorene-d10	15.322	176	504608	18.474	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	97935	16.060	ng/ul	0.00
73) Anthracene-d10	17.222	188	853930	18.623	ng/ul	0.00
81) Pyrene-d10	19.581	212	1109416	19.496	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.586	264	1249935	18.818	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	26275	7.389	ng/uL	97
5) Pyridine	3.652	79	183311	19.230	ng/ul	98
6) Benzaldehyde	6.858	77	140161	23.558	ng/ul	98
8) Phenol	6.916	94	211443	19.264	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.140	93	164274	19.555	ng/ul	99
12) 2-Chlorophenol	7.281	128	155353	19.693	ng/ul	98
13) 2-Methylphenol	8.146	108	155300	19.509	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	150092	19.259	ng/ul	99
16) Acetophenone	8.516	105	268923	19.399	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.499	70	143594	19.980	ng/ul	99
18) 4-Methylphenol	8.463	108	171934	19.806	ng/ul	97
19) Hexachloroethane	8.775	117	71610	19.230	ng/ul	98
22) Nitrobenzene	8.887	77	219517	18.818	ng/ul	98
23) Isophorone	9.410	82	383446	18.977	ng/ul	98
25) 2-Nitrophenol	9.587	139	93039	20.100	ng/ul	98
26) 2,4-Dimethylphenol	9.652	107	200423	19.113	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.881	93	218907	18.795	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	179790	19.262	ng/ul	97
30) Naphthalene	10.516	128	508501	18.958	ng/ul	100
32) 4-Chloroaniline	10.628	127	208305	18.763	ng/ul	100
33) Hexachlorobutadiene	10.799	225	151527	18.285	ng/ul	95
34) Caprolactam	11.393	113	52345	18.487	ng/ul	90
35) 4-Chloro-3-methylphenol	11.746	107	195445	19.355	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	374353	18.780	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	381773	18.990	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.499	216	278186	18.783	ng/ul#	96
40) Hexachlorocyclopentadiene	12.481	237	157318	16.886	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	169265	19.117	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	186577	19.460	ng/ul	97
43) 1,1'-Biphenyl	13.140	154	532847	18.653	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	435853	18.950	ng/ul	99
45) 2-Nitroaniline	13.387	65	129553	19.480	ng/ul	92
47) Dimethylphthalate	13.775	163	568360	18.325	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	113797	19.139	ng/ul	99
50) Acenaphthylene	14.034	152	639592	18.759	ng/ul	99
51) 3-Nitroaniline	14.216	138	106836	19.736	ng/ul	99
52) Acenaphthene	14.381	153	460093	18.572	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	58096	14.360	ng/ul	97
55) 4-Nitrophenol	14.540	109	107996	18.072	ng/ul	98
56) Dibenzofuran	14.728	168	689187	18.712	ng/ul	97
57) 2,4-Dinitrotoluene	14.681	165	175985	19.206	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	174682	18.927	ng/ul	99
59) Diethylphthalate	15.157	149	563802	18.368	ng/ul	99
61) Fluorene	15.375	166	562726	18.372	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	323203	18.328	ng/ul	99
63) 4-Nitroaniline	15.398	138	115657	20.992	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	109697	16.524	ng/ul	98
67) N-Nitrosodiphenylamine	15.592	169	483131	18.676	ng/ul	100
68) 4-Bromophenyl-phenylether	16.287	248	220916	18.730	ng/ul	98
69) Hexachlorobenzene	16.404	284	268016	18.714	ng/ul	97
70) Atrazine	16.575	200	212564	18.420	ng/ul	99
71) Pentachlorophenol	16.757	266	168353	17.619	ng/ul	98
72) Phenanthrene	17.151	178	954738	18.539	ng/ul	100
74) Anthracene	17.257	178	960359	18.325	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	280506	19.032	ng/uL	96
76) Pentachlorobenzene	14.640	250	303842	18.746	ng/uL	99
77) Carbazole	17.539	167	857632	18.568	ng/ul	100
78) Di-n-butylphthalate	18.122	149	955030	17.935	ng/ul	100
80) Fluoranthene	19.239	202	1252658	19.260	ng/ul	99
82) Pyrene	19.616	202	1365655	19.507	ng/ul	98
83) Butylbenzylphthalate	20.569	149	460199	18.862	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	460377	18.306	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1415031	18.694	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	648301	18.111	ng/ul	100
87) Chrysene	21.586	228	1325388	18.657	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1067874	17.118	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1473730	18.799	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1452735	18.593	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1341360	18.569	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.533	276	1733919m	18.410	ng/ul	
95) Dibenzo(a,h)anthracene	28.604	278	1403148	18.493	ng/ul	97
96) Benzo(g,h,i)perylene	29.686	276	1334899	18.266	ng/ul	99

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

