

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
 Data File : BP020366.D
 Acq On : 14 May 2024 00:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020798

Quant Time: May 14 01:11:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 10:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	91607	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	371334	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	257278	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	570055	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	594150	20.000	ng/u1	-0.01
88) Perylene-d12	24.963	264	665749	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	15934	7.346	ng/uL	0.00
4) Pyridine-d5	3.617	84	106516	16.900	ng/u1	0.00
7) Phenol-d5	6.799	99	132004	16.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	82075	17.174	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	105685	18.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	111273	17.495	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	52969	19.049	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	62663	19.679	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	112078	19.288	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	143225	17.611	ng/u1	0.00
46) Dimethylphthalate-d6	13.699	166	343442	18.280	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	385922	18.595	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	38297	13.263	ng/u1	0.00
60) Fluorene-d10	15.298	176	302126	19.280	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	58439	16.155	ng/u1	0.00
73) Anthracene-d10	17.228	188	478866	19.418	ng/u1	0.01
81) Pyrene-d10	19.622	212	590057	16.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	600215	18.646	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	17184	6.982	ng/uL	98
5) Pyridine	3.634	79	108178	16.970	ng/u1	95
6) Benzaldehyde	6.787	77	77848	19.687	ng/u1	98
8) Phenol	6.828	94	141674	17.448	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.058	93	109621	17.253	ng/u1	96
12) 2-Chlorophenol	7.181	128	109267	18.609	ng/u1	96
13) 2-Methylphenol	8.058	108	104917	17.322	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	132393	16.703	ng/u1	96
16) Acetophenone	8.434	105	178966	16.954	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	94667	16.525	ng/u1	97
18) 4-Methylphenol	8.387	108	112123	17.032	ng/u1	100
19) Hexachloroethane	8.652	117	49258	18.344	ng/u1	94
22) Nitrobenzene	8.816	77	144565	18.110	ng/u1	98
23) Isophorone	9.334	82	261995	17.069	ng/u1	100
25) 2-Nitrophenol	9.516	139	64246	19.478	ng/u1	94
26) 2,4-Dimethylphenol	9.575	107	129548	18.003	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.816	93	148550	17.457	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	110513	19.552	ng/u1	99
30) Naphthalene	10.434	128	359210	18.768	ng/u1	100
32) 4-Chloroaniline	10.563	127	142626	17.934	ng/u1	98
33) Hexachlorobutadiene	10.693	225	88732	20.212	ng/u1	97
34) Caprolactam	11.381	113	33077m	16.760	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	127440	18.109	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	247877	18.613	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	251668	18.780	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	157524	19.632	ng/ul	100
40) Hexachlorocyclopentadiene	12.387	237	48917	11.210	ng/ul	96
41) 2,4,6-Trichlorophenol	12.693	196	96864	19.250	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	98739	18.236	ng/ul	94
43) 1,1'-Biphenyl	13.093	154	340029	18.686	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	271419	18.797	ng/ul	98
45) 2-Nitroaniline	13.375	65	86734	18.109	ng/ul	98
47) Dimethylphthalate	13.746	163	350537	18.471	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	71323	18.905	ng/ul	96
50) Acenaphthylene	13.993	152	435047	18.636	ng/ul	99
51) 3-Nitroaniline	14.228	138	64422	18.308	ng/ul	97
52) Acenaphthene	14.340	153	291069	18.554	ng/ul	100
53) 2,4-Dinitrophenol	14.463	184	29681	12.817	ng/ul	95
55) 4-Nitrophenol	14.569	109	57731	19.203	ng/ul	96
56) Dibenzofuran	14.693	168	413826	19.180	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	106404	19.617	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.928	232	97738	20.102	ng/ul	96
59) Diethylphthalate	15.140	149	349176	18.432	ng/ul	99
61) Fluorene	15.357	166	343370	19.154	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.357	204	183721	19.317	ng/ul	94
63) 4-Nitroaniline	15.422	138	62198	21.211	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.481	198	62337	16.526	ng/ul#	98
67) N-Nitrosodiphenylamine	15.593	169	284961	17.953	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	117789	19.076	ng/ul	96
69) Hexachlorobenzene	16.381	284	138981	19.433	ng/ul	98
70) Atrazine	16.592	200	101390	18.015	ng/ul	97
71) Pentachlorophenol	16.763	266	77120	17.840	ng/ul	99
72) Phenanthrene	17.163	178	557440	19.166	ng/ul	99
74) Anthracene	17.263	178	571634	19.324	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	159383	18.812	ng/uL	98
76) Pentachlorobenzene	14.598	250	158496	18.694	ng/uL	97
77) Carbazole	17.563	167	494429	19.401	ng/ul	99
78) Di-n-butylphthalate	18.157	149	589303	19.078	ng/ul	99
80) Fluoranthene	19.275	202	701566	17.164	ng/ul	99
82) Pyrene	19.651	202	729271	17.148	ng/ul	99
83) Butylbenzylphthalate	20.628	149	276028	17.098	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.528	252	233612	19.319	ng/ul	98
85) Benzo(a)anthracene	21.586	228	753593	18.700	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	412676	17.720	ng/ul#	97
87) Chrysene	21.657	228	705802	18.897	ng/ul	99
89) Di-n-octyl phthalate	22.822	149	727625	17.066	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	773764	19.538	ng/ul	99
91) Benzo(k)fluoranthene	23.969	252	748383	18.543	ng/ul	99
93) Benzo(a)pyrene	24.804	252	713741	18.941	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.751	276	866670m	18.762	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	715167m	18.718	ng/ul	
96) Benzo(g,h,i)perylene	29.933	276	692207m	18.580	ng/ul	

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

