

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021390.D
 Acq On : 06 Aug 2024 05:29
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020729

Quant Time: Aug 06 06:00:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	211496	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.369	136	865406	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.257	164	579987	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.081	188	1283134	20.000	ng/ul	-0.01
79) Chrysene-d12	21.533	240	1256914	20.000	ng/ul	0.00
88) Perylene-d12	24.816	264	1482237	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	36372	7.826	ng/uL	-0.02
4) Pyridine-d5	3.581	84	244367	18.161	ng/ul	-0.01
7) Phenol-d5	6.828	99	314254	18.225	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	6.964	67	193670	18.534	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.158	132	268186	18.878	ng/ul	-0.02
15) 4-Methylphenol-d8	8.346	113	255542	17.844	ng/ul	-0.02
21) Nitrobenzene-d5	8.775	128	128013	19.045	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.487	143	145875	18.961	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.040	165	266249	19.139	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.552	131	360384	19.555	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	789856	18.734	ng/ul	0.00
49) Acenaphthylene-d8	13.946	160	906939	19.157	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.581	143	143169	23.866	ng/ul	0.00
60) Fluorene-d10	15.275	176	688662	19.910	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	132431	17.058	ng/ul	-0.01
73) Anthracene-d10	17.187	188	1108948	19.458	ng/ul	0.00
81) Pyrene-d10	19.569	212	1334971	17.179	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	1381902	18.903	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	39288	7.686	ng/uL	93
5) Pyridine	3.599	79	256523	18.484	ng/ul	98
6) Benzaldehyde	6.787	77	196018m	22.549	ng/ul	
8) Phenol	6.858	94	323237	18.526	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	260502	18.073	ng/ul	98
12) 2-Chlorophenol	7.193	128	267050	18.755	ng/ul	99
13) 2-Methylphenol	8.081	108	251707	18.654	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.128	45	390568	18.756	ng/ul#	95
16) Acetophenone	8.440	105	410808	18.586	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.416	70	207930	17.954	ng/ul	100
18) 4-Methylphenol	8.416	108	263832	18.251	ng/ul	93
19) Hexachloroethane	8.652	117	116339	18.182	ng/ul	99
22) Nitrobenzene	8.816	77	312584	19.413	ng/ul	96
23) Isophorone	9.328	82	579379	18.100	ng/ul	99
25) 2-Nitrophenol	9.522	139	155725	19.408	ng/ul	98
26) 2,4-Dimethylphenol	9.587	107	300830	19.013	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.805	93	354621	18.225	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	260535	19.003	ng/ul	99
30) Naphthalene	10.422	128	877987	19.288	ng/ul	100
32) 4-Chloroaniline	10.575	127	347310	19.735	ng/ul	100
33) Hexachlorobutadiene	10.681	225	195800	19.047	ng/ul	100
34) Caprolactam	11.393	113	120212	28.463	ng/ul	94
35) 4-Chloro-3-methylphenol	11.734	107	293915	19.722	ng/ul	98
36) 2-Methylnaphthalene	12.052	142	594577	19.028	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	616501	19.183	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	359630	19.093	ng/ul	96
40) Hexachlorocyclopentadiene	12.375	237	176436	17.906	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	216230	18.168	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	232622	18.473	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	791476	18.673	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	639494	18.899	ng/ul	100
45) 2-Nitroaniline	13.375	65	189774	20.280	ng/ul	99
47) Dimethylphthalate	13.722	163	806331	18.848	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	167113	19.539	ng/ul	97
50) Acenaphthylene	13.975	152	1024994	19.122	ng/ul	100
51) 3-Nitroaniline	14.222	138	157435	21.153	ng/ul	99
52) Acenaphthene	14.322	153	683292	19.206	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	148275	33.011	ng/ul	98
55) 4-Nitrophenol	14.598	109	128308	26.294	ng/ul	97
56) Dibenzofuran	14.669	168	961007	19.726	ng/ul	97
57) 2,4-Dinitrotoluene	14.693	165	247679	21.095	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.928	232	207509	19.244	ng/ul	96
59) Diethylphthalate	15.098	149	804918	18.827	ng/ul	100
61) Fluorene	15.334	166	782538	19.684	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	406652	18.850	ng/ul	95
63) 4-Nitroaniline	15.416	138	159901	25.943	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	138739	16.851	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	665182	17.802	ng/ul	100
68) 4-Bromophenyl-phenylether	16.240	248	268753	17.869	ng/ul	96
69) Hexachlorobenzene	16.363	284	312874	18.143	ng/ul	99
70) Atrazine	16.539	200	251572	18.474	ng/ul	98
71) Pentachlorophenol	16.745	266	249732	26.664	ng/ul	97
72) Phenanthrene	17.122	178	1259019	18.914	ng/ul	100
74) Anthracene	17.228	178	1321761	19.478	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	352359	17.157	ng/uL	98
76) Pentachlorobenzene	14.581	250	359830	17.632	ng/uL	99
77) Carbazole	17.534	167	1145802	20.655	ng/ul	100
78) Di-n-butylphthalate	18.081	149	1376981	17.992	ng/ul	99
80) Fluoranthene	19.222	202	1571791	16.749	ng/ul	99
82) Pyrene	19.604	202	1632203	17.092	ng/ul	100
83) Butylbenzylphthalate	20.545	149	664471	16.701	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	560063	19.500	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1645594	18.690	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	924842	16.152	ng/ul	99
87) Chrysene	21.580	228	1566198	19.143	ng/ul	99
89) Di-n-octyl phthalate	22.639	149	1598987	16.330	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	1656280	18.413	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1691457	18.843	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1615025	19.000	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.551	276	1982195m	18.097	ng/ul	
95) Dibenzo(a,h)anthracene	28.609	278	1642829	18.113	ng/ul	99
96) Benzo(g,h,i)perylene	29.727	276	1550249	17.379	ng/ul	98

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

