

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021119.D
 Acq On : 24 Jul 2024 06:09
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020701

Quant Time: Jul 24 06:43:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	172469	20.000	ng/u1	0.01
20) Naphthalene-d8	10.428	136	705880	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	487538	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1079666	20.000	ng/u1	-0.01
79) Chrysene-d12	21.569	240	1085778	20.000	ng/u1	0.00
88) Perylene-d12	24.886	264	1284314	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	29280	7.726	ng/uL	0.00
4) Pyridine-d5	3.611	84	207866	18.944	ng/u1	0.00
7) Phenol-d5	6.875	99	268974	19.129	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	153664	18.033	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	223485	19.291	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	218624	18.721	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	110700	20.191	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	126332	20.132	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	229995	20.269	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	302110	20.097	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	675429	19.058	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	776860	19.521	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.598	143	141478m	28.057	ng/u1	0.00
60) Fluorene-d10	15.316	176	588315	20.234	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	90880	13.912	ng/u1	0.00
73) Anthracene-d10	17.222	188	949288	19.796	ng/u1	0.00
81) Pyrene-d10	19.604	212	1155004	17.206	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	1223874	19.322	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	30120	7.226	ng/uL	97
5) Pyridine	3.628	79	209184	18.483	ng/u1	98
6) Benzaldehyde	6.828	77	158178	22.314	ng/u1	100
8) Phenol	6.905	94	272264	19.135	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.099	93	212299	18.062	ng/u1	100
12) 2-Chlorophenol	7.246	128	222217	19.138	ng/u1	99
13) 2-Methylphenol	8.128	108	212179	19.282	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.175	45	302943	17.840	ng/u1	97
16) Acetophenone	8.487	105	336979	18.696	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.463	70	167547	17.741	ng/u1	98
18) 4-Methylphenol	8.457	108	225027	19.089	ng/u1	97
19) Hexachloroethane	8.716	117	92987	17.821	ng/u1	97
22) Nitrobenzene	8.863	77	256880	19.559	ng/u1	99
23) Isophorone	9.375	82	484140	18.542	ng/u1	99
25) 2-Nitrophenol	9.563	139	130670	19.966	ng/u1	97
26) 2,4-Dimethylphenol	9.634	107	249497	19.332	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.851	93	287830	18.136	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	220489	19.717	ng/u1	99
30) Naphthalene	10.475	128	723824	19.494	ng/u1	99
32) 4-Chloroaniline	10.616	127	287259	20.012	ng/u1	99
33) Hexachlorobutadiene	10.734	225	162909	19.429	ng/u1	100
34) Caprolactam	11.416	113	73265	21.267	ng/u1	97
35) 4-Chloro-3-methylphenol	11.763	107	251108	20.658	ng/u1	98
36) 2-Methylnaphthalene	12.093	142	494414	19.398	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	520002	19.837	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.469	216	298638	18.861	ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	85820	10.361	ng/ul	98
41) 2,4,6-Trichlorophenol	12.734	196	193878	19.379	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	206065	19.467	ng/ul	99
43) 1,1'-Biphenyl	13.122	154	660822	18.547	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	533593	18.759	ng/ul	99
45) 2-Nitroaniline	13.392	65	159475	20.274	ng/ul	96
47) Dimethylphthalate	13.763	163	667377	18.558	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	142917	19.878	ng/ul	100
50) Acenaphthylene	14.022	152	873299	19.382	ng/ul	99
51) 3-Nitroaniline	14.240	138	147216	23.530	ng/ul	93
52) Acenaphthene	14.369	153	580353	19.406	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	78351m	20.751	ng/ul	
55) 4-Nitrophenol	14.616	109	95713	23.334	ng/ul	95
56) Dibenzofuran	14.710	168	796544	19.450	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	205747	20.847	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.963	232	175868	19.402	ng/ul	95
59) Diethylphthalate	15.139	149	673928	18.752	ng/ul	99
61) Fluorene	15.381	166	664832	19.894	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.369	204	344300	18.986	ng/ul	99
63) 4-Nitroaniline	15.434	138	142767	27.555	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	96373	13.912	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	574304	18.267	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	229489	18.134	ng/ul	95
69) Hexachlorobenzene	16.404	284	276220	19.036	ng/ul	98
70) Atrazine	16.575	200	223049	19.466	ng/ul	100
71) Pentachlorophenol	16.781	266	163120	20.698	ng/ul	98
72) Phenanthrene	17.169	178	1098625	19.615	ng/ul	100
74) Anthracene	17.257	178	1143083	20.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	300147	17.369	ng/uL	98
76) Pentachlorobenzene	14.628	250	311483	18.140	ng/uL	99
77) Carbazole	17.551	167	1012021	21.682	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1205152	18.714	ng/ul	99
80) Fluoranthene	19.257	202	1376635	16.982	ng/ul	99
82) Pyrene	19.633	202	1406002	17.044	ng/ul	99
83) Butylbenzylphthalate	20.574	149	560696	16.314	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.469	252	464579	18.725	ng/ul	98
85) Benzo(a)anthracene	21.545	228	1432556	18.835	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	799691	16.168	ng/ul	99
87) Chrysene	21.610	228	1336560	18.911	ng/ul	100
89) Di-n-octyl phthalate	22.698	149	1421679	16.757	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	1468045	18.836	ng/ul	99
91) Benzo(k)fluoranthene	23.898	252	1459293	18.762	ng/ul	99
93) Benzo(a)pyrene	24.727	252	1394734	18.937	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.662	276	1774247	18.695	ng/ul	99
95) Dibenzo(a,h)anthracene	28.721	278	1489055m	18.947	ng/ul	
96) Benzo(g,h,i)perylene	29.845	276	1432926m	18.539	ng/ul	

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

