

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021164.D
 Acq On : 26 Jul 2024 03:26
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

Quant Time: Jul 26 03:59:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	200398	20.000	ng/u1	0.01
20) Naphthalene-d8	10.428	136	728463	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	422880	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	856967	20.000	ng/u1	0.01
79) Chrysene-d12	21.563	240	993446	20.000	ng/u1	0.00
88) Perylene-d12	24.880	264	1317217	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	34110	7.746	ng/uL	0.00
4) Pyridine-d5	3.605	84	228132	17.894	ng/u1	0.00
7) Phenol-d5	6.875	99	283256	17.337	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	171058	17.277	ng/u1	0.01
11) 2-Chlorophenol-d4	7.205	132	246162	18.287	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	219325	16.163	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	112589	19.899	ng/u1	0.01
24) 2-Nitrophenol-d4	9.522	143	127710	19.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	221708	18.933	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	282243	18.194	ng/u1	0.01
46) Dimethylphthalate-d6	13.704	166	565046	18.381	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	671693	19.459	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	101865	23.290	ng/u1	0.01
60) Fluorene-d10	15.316	176	475070	18.837	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.486	200	80264	15.480	ng/u1	0.02
73) Anthracene-d10	17.216	188	737870	19.386	ng/u1	0.01
81) Pyrene-d10	19.604	212	946990	15.419	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.645	264	1222635	18.820	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	37416	7.725	ng/uL	99
5) Pyridine	3.622	79	245264	18.651	ng/u1	98
6) Benzaldehyde	6.822	77	175330	21.286	ng/u1	98
8) Phenol	6.905	94	288510	17.451	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.099	93	235879	17.271	ng/u1	99
12) 2-Chlorophenol	7.240	128	245382	18.188	ng/u1	98
13) 2-Methylphenol	8.122	108	216878	16.963	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.169	45	325150m	16.479	ng/u1	
16) Acetophenone	8.475	105	349696	16.697	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.452	70	166588	15.181	ng/u1	99
18) 4-Methylphenol	8.452	108	224526	16.392	ng/u1	95
19) Hexachloroethane	8.704	117	104562	17.247	ng/u1	96
22) Nitrobenzene	8.857	77	264948	19.548	ng/u1	100
23) Isophorone	9.369	82	458539	17.017	ng/u1	99
25) 2-Nitrophenol	9.557	139	133096	19.706	ng/u1	100
26) 2,4-Dimethylphenol	9.634	107	240072	18.025	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	284572	17.375	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	212994	18.456	ng/u1	99
30) Naphthalene	10.469	128	725386	18.931	ng/u1	100
32) 4-Chloroaniline	10.610	127	272213	18.376	ng/u1	98
33) Hexachlorobutadiene	10.740	225	170830	19.742	ng/u1	99
34) Caprolactam	11.422	113	61223	17.221	ng/u1	99
35) 4-Chloro-3-methylphenol	11.769	107	217365	17.327	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	468734	17.821	ng/u1	99

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37) 1-Methylnaphthalene	12.304	142	487440	18.019	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	280232	20.405	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	96868	13.483	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	164993	19.013	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	173397	18.885	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	593836	19.215	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	479449	19.433	ng/ul	99
45) 2-Nitroaniline	13.387	65	131340	19.250	ng/ul	96
47) Dimethylphthalate	13.757	163	561419	17.999	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	117143	18.784	ng/ul	100
50) Acenaphthylene	14.016	152	743725	19.030	ng/ul	100
51) 3-Nitroaniline	14.239	138	114206	21.045	ng/ul	97
52) Acenaphthene	14.363	153	503452	19.409	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	73650	22.489	ng/ul	97
55) 4-Nitrophenol	14.616	109	63151	17.750	ng/ul#	75
56) Dibenzofuran	14.710	168	676408	19.042	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	164681	19.237	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.963	232	130861	16.644	ng/ul	97
59) Diethylphthalate	15.145	149	540673	17.344	ng/ul	98
61) Fluorene	15.369	166	541131	18.668	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.363	204	283810	18.044	ng/ul	98
63) 4-Nitroaniline	15.445	138	116064	25.826	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.504	198	85616	15.570	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	450575	18.056	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	177365	17.658	ng/ul	99
69) Hexachlorobenzene	16.398	284	211269	18.344	ng/ul	97
70) Atrazine	16.581	200	168923	18.573	ng/ul	98
71) Pentachlorophenol	16.781	266	102953m	16.459	ng/ul	
72) Phenanthrene	17.163	178	857282	19.284	ng/ul	99
74) Anthracene	17.251	178	866185	19.112	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	266640	19.440	ng/uL	98
76) Pentachlorobenzene	14.616	250	258512	18.967	ng/uL	98
77) Carbazole	17.545	167	801777	21.641	ng/ul	99
78) Di-n-butylphthalate	18.122	149	897992	17.568	ng/ul	99
80) Fluoranthene	19.257	202	1124831	15.165	ng/ul	99
82) Pyrene	19.633	202	1179462	15.627	ng/ul	99
83) Butylbenzylphthalate	20.569	149	452447	14.388	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	436180	19.214	ng/ul	100
85) Benzo(a)anthracene	21.545	228	1317413	18.931	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	626029	13.833	ng/ul	99
87) Chrysene	21.610	228	1224053	18.929	ng/ul	100
89) Di-n-octyl phthalate	22.715	149	1198361	13.772	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1448087	18.116	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	1429565	17.920	ng/ul	100
93) Benzo(a)pyrene	24.715	252	1392649	18.437	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.680	276	1831490	18.816	ng/ul	100
95) Dibenzo(a,h)anthracene	28.727	278	1535907	19.055	ng/ul	99
96) Benzo(g,h,i)perylene	29.839	276	1493705m	18.843	ng/ul	

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

