

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
 Data File : BP016371.D
 Acq On : 26 Jul 2023 06:06
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020672

Quant Time: Jul 26 07:28:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	579422	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	2525304	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	1550998	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	3250357	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2536201	20.000	ng/u1	0.00
88) Perylene-d12	24.198	264	2385456	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	112066	7.626	ng/uL	0.00
4) Pyridine-d5	3.858	84	846707	20.308	ng/u1	0.00
7) Phenol-d5	7.222	99	981815	20.249	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	586219	20.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	777132	20.544	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	809090	20.749	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	376177	24.191	ng/u1	0.00
24) 2-Nitrophenol-d4	10.011	143	351188	27.383	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	769421	21.644	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	1124675	20.337	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	2231800	19.661	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	2670537	19.914	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	373249	19.624	ng/u1	0.00
60) Fluorene-d10	15.734	176	1894663	19.620	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	158264	14.783	ng/u1	0.00
73) Anthracene-d10	17.604	188	2852750	19.814	ng/u1	0.00
81) Pyrene-d10	19.828	212	3107891	21.581	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.022	264	2270457	19.728	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	120397	7.726	ng/uL	99
5) Pyridine	3.876	79	866096	20.418	ng/u1	99
6) Benzaldehyde	7.246	77	608878	23.018	ng/u1	98
8) Phenol	7.252	94	1024451	20.317	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.528	93	826156	20.000	ng/u1	99
12) 2-Chlorophenol	7.646	128	790449	20.324	ng/u1	99
13) 2-Methylphenol	8.522	108	786188	20.334	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.611	45	1010081m	20.209	ng/u1	
16) Acetophenone	8.940	105	1278610	20.778	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.916	70	653265	20.386	ng/u1	100
18) 4-Methylphenol	8.858	108	853423	20.659	ng/u1	97
19) Hexachloroethane	9.175	117	323228	19.865	ng/u1	95
22) Nitrobenzene	9.334	77	925187	22.224	ng/u1	99
23) Isophorone	9.852	82	1879798	20.047	ng/u1	100
25) 2-Nitrophenol	10.040	139	407839	25.486	ng/u1	99
26) 2,4-Dimethylphenol	10.075	107	924516	20.433	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.340	93	1136075	20.095	ng/u1	100
29) 2,4-Dichlorophenol	10.558	162	764169	21.264	ng/u1	99
30) Naphthalene	10.981	128	2614128	19.987	ng/u1	100
32) 4-Chloroaniline	11.105	127	1104549	20.373	ng/u1	98
33) Hexachlorobutadiene	11.222	225	470524	19.922	ng/u1	99
34) Caprolactam	11.893	113	268812m	20.999	ng/u1	
35) 4-Chloro-3-methylphenol	12.187	107	836860	21.038	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	1779866	19.968	ng/u1	100

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37) 1-Methylnaphthalene	12.793	142	1805743	20.262	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	919835	20.074	ng/ul	100
40) Hexachlorocyclopentadiene	12.881	237	476782	14.576	ng/ul	98
41) 2,4,6-Trichlorophenol	13.163	196	587383	21.757	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	637905	22.078	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	2305127	19.683	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	1812095	19.779	ng/ul	100
45) 2-Nitroaniline	13.846	65	484061	25.252	ng/ul	93
47) Dimethylphthalate	14.199	163	2232955	19.506	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	420869	25.513	ng/ul	92
50) Acenaphthylene	14.469	152	3008958	19.695	ng/ul	99
51) 3-Nitroaniline	14.669	138	451051	23.372	ng/ul#	97
52) Acenaphthene	14.804	153	1935917	19.651	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	75916	10.760	ng/ul	94
55) 4-Nitrophenol	14.940	109	295435	19.270	ng/ul	97
56) Dibenzofuran	15.140	168	2636258	19.548	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	588876	25.039	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.345	232	483898	20.994	ng/ul	96
59) Diethylphthalate	15.551	149	2232168	19.360	ng/ul	99
61) Fluorene	15.787	166	2154673	19.670	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	1059895	19.847	ng/ul	99
63) 4-Nitroaniline	15.828	138	427879	24.179	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.857	198	187917	14.682	ng/ul	95
67) N-Nitrosodiphenylamine	15.998	169	1835718	20.143	ng/ul	99
68) 4-Bromophenyl-phenylether	16.681	248	641304	20.805	ng/ul	99
69) Hexachlorobenzene	16.763	284	742203	20.079	ng/ul	97
70) Atrazine	16.951	200	668631	20.109	ng/ul	100
71) Pentachlorophenol	17.122	266	370212	17.773	ng/ul	99
72) Phenanthrene	17.545	178	3313606	19.591	ng/ul	99
74) Anthracene	17.640	178	3377623	19.605	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	956424	20.385	ng/uL	100
76) Pentachlorobenzene	15.028	250	847658	20.445	ng/uL	99
77) Carbazole	17.910	167	3038834	20.491	ng/ul	100
78) Di-n-butylphthalate	18.434	149	3820151	20.228	ng/ul	100
80) Fluoranthene	19.498	202	3696151	21.412	ng/ul	99
82) Pyrene	19.857	202	3806801	21.345	ng/ul	98
83) Butylbenzylphthalate	20.722	149	1590942	23.563	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	968649	17.377	ng/ul	98
85) Benzo(a)anthracene	21.575	228	3387102	19.717	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	2395964	23.264	ng/ul#	98
87) Chrysene	21.633	228	3099626	19.485	ng/ul	99
89) Di-n-octyl phthalate	22.469	149	3907159	26.057	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2866115	20.063	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	2867213	20.168	ng/ul	99
93) Benzo(a)pyrene	24.074	252	2619538	19.470	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.968	276	2943828	18.949	ng/ul	99
95) Dibenzo(a,h)anthracene	27.010	278	2452676	19.088	ng/ul	99
96) Benzo(g,h,i)perylene	27.833	276	2319585	18.859	ng/ul	99

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

