

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
 Data File : BP019299.D
 Acq On : 06 Jan 2024 01:34
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020741

Quant Time: Jan 06 02:58:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	105882	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.587	136	390277	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.439	164	263063	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	649015	20.000	ng/u1	-0.01
79) Chrysene-d12	21.298	240	747624	20.000	ng/u1	#-0.01
88) Perylene-d12	23.663	264	893229	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	21882	7.058	ng/uL	0.00
4) Pyridine-d5	3.652	84	157908	20.293	ng/u1	0.00
7) Phenol-d5	6.981	99	193763	20.406	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	109521	19.938	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	151133	19.743	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	151924	20.551	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	72147	21.385	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.681	143	79974	21.934	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	154694	21.011	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	182850	20.191	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	454423	19.557	ng/u1	-0.01
49) Acenaphthylene-d8	14.128	160	508906	20.185	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.681	143	80143	20.425	ng/u1	0.02
60) Fluorene-d10	15.434	176	401113	19.982	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	88629	20.831	ng/u1	0.00
73) Anthracene-d10	17.292	188	676546	19.961	ng/u1	-0.01
81) Pyrene-d10	19.539	212	888422	19.499	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	988326	19.250	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	23994	7.039	ng/uL#	95
5) Pyridine	3.669	79	157540	19.945	ng/u1	92
6) Benzaldehyde	6.940	77	92268	20.929	ng/u1	97
8) Phenol	7.010	94	194335	20.721	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.228	93	145104	19.122	ng/u1	97
12) 2-Chlorophenol	7.357	128	151189	19.297	ng/u1	97
13) 2-Methylphenol	8.257	108	142917	20.599	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.322	45	186738	20.861	ng/u1	99
16) Acetophenone	8.622	105	235092	21.234	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.610	70	116670	21.132	ng/u1	95
18) 4-Methylphenol	8.587	108	153020	20.490	ng/u1	97
19) Hexachloroethane	8.863	117	63470	19.314	ng/u1	91
22) Nitrobenzene	9.004	77	178484	21.655	ng/u1	97
23) Isophorone	9.528	82	323324	21.754	ng/u1	97
25) 2-Nitrophenol	9.710	139	82106	21.091	ng/u1	95
26) 2,4-Dimethylphenol	9.781	107	148565	21.677	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.010	93	176250	17.941	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	145257	20.189	ng/u1	98
30) Naphthalene	10.640	128	448547	19.062	ng/u1	100
32) 4-Chloroaniline	10.763	127	177956	20.478	ng/u1	98
33) Hexachlorobutadiene	10.916	225	118006	21.312	ng/u1	96
34) Caprolactam	11.563	113	40812	21.475	ng/u1	89
35) 4-Chloro-3-methylphenol	11.910	107	156623	22.176	ng/u1	96
36) 2-Methylnaphthalene	12.251	142	313226	19.743	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	316724	19.797	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	209573	19.343	ng/ul	100
40) Hexachlorocyclopentadiene	12.593	237	106786	17.757	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	133576	20.659	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	144133	21.000	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	431557	18.806	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	350520	19.036	ng/ul	97
45) 2-Nitroaniline	13.534	65	103814	23.485	ng/ul	89
47) Dimethylphthalate	13.904	163	448356	19.548	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	89802	21.307	ng/ul	90
50) Acenaphthylene	14.157	152	559020	19.707	ng/ul	99
51) 3-Nitroaniline	14.363	138	89864	21.810	ng/ul	97
52) Acenaphthene	14.504	153	371628	19.330	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	58996	21.727	ng/ul	93
55) 4-Nitrophenol	14.698	109	81005	25.833	ng/ul#	84
56) Dibenzofuran	14.839	168	529379	19.282	ng/ul	93
57) 2,4-Dinitrotoluene	14.822	165	139670	22.533	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.075	232	134341	22.403	ng/ul#	98
59) Diethylphthalate	15.269	149	444516	19.988	ng/ul	99
61) Fluorene	15.486	166	438809	19.969	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	246738	20.560	ng/ul	98
63) 4-Nitroaniline	15.528	138	94335m	22.756	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	92471	20.527	ng/ul#	93
67) N-Nitrosodiphenylamine	15.704	169	377117	19.039	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	167766	20.797	ng/ul	96
69) Hexachlorobenzene	16.492	284	207618	21.060	ng/ul	97
70) Atrazine	16.669	200	108647	19.436	ng/ul	97
71) Pentachlorophenol	16.851	266	127949	22.106	ng/ul	97
72) Phenanthrene	17.239	178	749198	19.048	ng/ul	100
74) Anthracene	17.328	178	765574	19.552	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	207607	18.397	ng/uL	98
76) Pentachlorobenzene	14.757	250	223841	19.962	ng/uL	99
77) Carbazole	17.610	167	685198	21.038	ng/ul	99
78) Di-n-butylphthalate	18.157	149	807584	19.993	ng/ul	99
80) Fluoranthene	19.216	202	997284	19.074	ng/ul#	95
82) Pyrene	19.569	202	1046166	19.098	ng/ul	95
83) Butylbenzylphthalate	20.445	149	409273	20.916	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.221	252	402720	21.533	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1146936	19.417	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	601618	20.880	ng/ul	100
87) Chrysene	21.333	228	1051989	19.099	ng/ul	99
89) Di-n-octyl phthalate	22.116	149	1051641	20.588	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1203280	19.178	ng/ul#	98
91) Benzo(k)fluoranthene	22.992	252	1140744	18.503	ng/ul#	98
93) Benzo(a)pyrene	23.563	252	1113922	18.863	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.121	276	1415832	18.703	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	1186769	18.845	ng/ul#	97
96) Benzo(g,h,i)perylene	26.874	276	1133171	18.679	ng/ul#	95

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

