

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
 Data File : BP019287.D
 Acq On : 05 Jan 2024 18:46
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020740

Quant Time: Jan 05 23:25:17 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	99447	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.593	136	371115	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	243169	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	581446	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	659303	20.000	ng/u1	-0.01
88) Perylene-d12	23.663	264	811475	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	21968	7.544	ng/uL	0.00
4) Pyridine-d5	3.652	84	151204	20.689	ng/u1	0.00
7) Phenol-d5	6.987	99	184492	20.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	106853	20.711	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	146203	20.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	135951	19.581	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	65164	20.312	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	75673	21.826	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	144765	20.677	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	168917	19.615	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	407725	18.983	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	467397	20.055	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	71662	19.758	ng/u1	0.02
60) Fluorene-d10	15.434	176	361031	19.457	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	74029	19.421	ng/u1	0.00
73) Anthracene-d10	17.292	188	600804	19.786	ng/u1	-0.01
81) Pyrene-d10	19.539	212	774043	19.264	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	896278	19.215	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	24273	7.582	ng/uL	98
5) Pyridine	3.670	79	156781	21.134	ng/u1	93
6) Benzaldehyde	6.940	77	88651	21.409	ng/u1	97
8) Phenol	7.011	94	183574	20.840	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.228	93	143400	20.120	ng/u1	100
12) 2-Chlorophenol	7.364	128	140712	19.122	ng/u1	96
13) 2-Methylphenol	8.258	108	128416	19.707	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	169193	20.124	ng/u1	99
16) Acetophenone	8.628	105	207208	19.926	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.611	70	100888	19.456	ng/u1#	94
18) 4-Methylphenol	8.587	108	135712	19.349	ng/u1	97
19) Hexachloroethane	8.863	117	57601	18.662	ng/u1	90
22) Nitrobenzene	9.005	77	163704	20.887	ng/u1	97
23) Isophorone	9.528	82	280607	19.854	ng/u1	98
25) 2-Nitrophenol	9.716	139	78742	21.271	ng/u1	93
26) 2,4-Dimethylphenol	9.787	107	142106	21.805	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	171649	18.375	ng/u1	97
29) 2,4-Dichlorophenol	10.252	162	138561	20.253	ng/u1	97
30) Naphthalene	10.640	128	431568	19.288	ng/u1	99
32) 4-Chloroaniline	10.769	127	164622	19.922	ng/u1	100
33) Hexachlorobutadiene	10.916	225	111087	21.098	ng/u1	98
34) Caprolactam	11.563	113	36650	20.281	ng/u1	88
35) 4-Chloro-3-methylphenol	11.910	107	144160	21.465	ng/u1	97
36) 2-Methylnaphthalene	12.257	142	296528	19.656	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	299562	19.691	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	193885	19.359	ng/ul	99
40) Hexachlorocyclopentadiene	12.593	237	106829	19.218	ng/ul	97
41) 2,4,6-Trichlorophenol	12.881	196	121698	20.362	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	133319	21.013	ng/ul	98
43) 1,1'-Biphenyl	13.269	154	396010	18.669	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	325308	19.112	ng/ul	98
45) 2-Nitroaniline	13.534	65	89057	21.795	ng/ul	92
47) Dimethylphthalate	13.904	163	401203	18.923	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	83714	21.487	ng/ul	99
50) Acenaphthylene	14.163	152	517131	19.722	ng/ul	99
51) 3-Nitroaniline	14.363	138	78902	20.716	ng/ul	90
52) Acenaphthene	14.504	153	343122	19.307	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	49146	19.580	ng/ul	93
55) 4-Nitrophenol	14.704	109	68312	23.567	ng/ul	85
56) Dibenzofuran	14.840	168	490470	19.326	ng/ul	94
57) 2,4-Dinitrotoluene	14.822	165	122704	21.415	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.075	232	118562	21.389	ng/ul#	97
59) Diethylphthalate	15.269	149	397839	19.353	ng/ul	100
61) Fluorene	15.493	166	401067	19.744	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.487	204	219965	19.829	ng/ul	96
63) 4-Nitroaniline	15.534	138	86660m	22.614	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.587	198	78819	19.530	ng/ul#	92
67) N-Nitrosodiphenylamine	15.710	169	339516	19.132	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	145387	20.118	ng/ul	98
69) Hexachlorobenzene	16.498	284	181033	20.498	ng/ul	97
70) Atrazine	16.669	200	96948	19.358	ng/ul	99
71) Pentachlorophenol	16.851	266	105389	20.324	ng/ul	98
72) Phenanthrene	17.239	178	667960	18.956	ng/ul	99
74) Anthracene	17.334	178	683269	19.478	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	193655	19.155	ng/uL	98
76) Pentachlorobenzene	14.757	250	200172	19.925	ng/uL	98
77) Carbazole	17.616	167	611422	20.954	ng/ul	99
78) Di-n-butylphthalate	18.157	149	715233	19.764	ng/ul	99
80) Fluoranthene	19.216	202	872805	18.930	ng/ul	97
82) Pyrene	19.569	202	910269	18.843	ng/ul	97
83) Butylbenzylphthalate	20.445	149	354303	20.533	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.222	252	355936	21.581	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1004036	19.275	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	518579	20.409	ng/ul	99
87) Chrysene	21.333	228	928801	19.121	ng/ul	99
89) Di-n-octyl phthalate	22.116	149	915185	19.722	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1068096	18.739	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	1028293	18.360	ng/ul	99
93) Benzo(a)pyrene	23.563	252	1007422	18.778	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.121	276	1302493	18.939	ng/ul	95
95) Dibenzo(a,h)anthracene	26.139	278	1085390	18.972	ng/ul#	97
96) Benzo(g,h,i)perylene	26.874	276	1040636	18.882	ng/ul	96

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

