

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018516.D
 Acq On : 02 Dec 2023 15:28
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020703

Quant Time: Dec 02 22:15:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	400780	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1803908	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1208145	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2583905	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1889816	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	1861640	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	88958	7.564	ng/uL	0.00
4) Pyridine-d5	3.693	84	667779	21.198	ng/u1	0.00
7) Phenol-d5	7.028	99	841087	20.912	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	512739	21.510	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	635022	20.234	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	693567	21.308	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	331219	20.630	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	347901	20.900	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	707140	20.776	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	972271	21.858	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2189280	20.303	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	2446279	20.603	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	376942	21.297	ng/u1	0.00
60) Fluorene-d10	15.481	176	1835688	20.281	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	311204	20.087	ng/u1	0.00
73) Anthracene-d10	17.333	188	2777300	20.445	ng/u1	0.00
81) Pyrene-d10	19.569	212	2987417	20.308	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	2167445	19.968	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	98526	7.639	ng/uL	96
5) Pyridine	3.711	79	671006	21.092	ng/u1	95
6) Benzaldehyde	6.999	77	497257	23.946	ng/u1	98
8) Phenol	7.058	94	837942	21.245	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	698642	21.568	ng/u1	99
12) 2-Chlorophenol	7.422	128	639795	20.143	ng/u1	99
13) 2-Methylphenol	8.305	108	646315	21.404	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	871617	21.207	ng/u1	99
16) Acetophenone	8.687	105	1077493	22.212	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	542196	20.318	ng/u1	98
18) 4-Methylphenol	8.640	108	713494	21.639	ng/u1	96
19) Hexachloroethane	8.940	117	261867	20.111	ng/u1	98
22) Nitrobenzene	9.063	77	792548	20.303	ng/u1	99
23) Isophorone	9.593	82	1586667	19.935	ng/u1	100
25) 2-Nitrophenol	9.775	139	376518	21.126	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	714521	20.499	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	1000457	19.911	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	676352	20.630	ng/u1	99
30) Naphthalene	10.710	128	2210110	20.196	ng/u1	100
32) 4-Chloroaniline	10.822	127	936393	22.087	ng/u1	100
33) Hexachlorobutadiene	10.999	225	447522	20.382	ng/u1	99
34) Caprolactam	11.599	113	213248m	21.213	ng/u1	
35) 4-Chloro-3-methylphenol	11.946	107	743232	20.236	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	1573070	20.291	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1574471	20.110	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	895332	20.426	ng/ul	97
40) Hexachlorocyclopentadiene	12.663	237	506009	19.476	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	581140	20.610	ng/ul	98
42) 2,4,5-Trichlorophenol	12.993	196	633058	20.709	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	2104092	20.137	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1683271	20.397	ng/ul	99
45) 2-Nitroaniline	13.575	65	462729	20.683	ng/ul	98
47) Dimethylphthalate	13.957	163	2146298	20.221	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	429196	21.403	ng/ul	94
50) Acenaphthylene	14.210	152	2735765	20.494	ng/ul	100
51) 3-Nitroaniline	14.398	138	446331	22.296	ng/ul	98
52) Acenaphthene	14.557	153	1783382	20.205	ng/ul	100
53) 2,4-Dinitrophenol	14.598	184	198983	18.722	ng/ul	99
55) 4-Nitrophenol	14.704	109	280659	20.988	ng/ul	99
56) Dibenzofuran	14.887	168	2484088	20.249	ng/ul	100
57) 2,4-Dinitrotoluene	14.857	165	610139	21.630	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.116	232	533955	20.823	ng/ul	96
59) Diethylphthalate	15.322	149	2102377	20.242	ng/ul	100
61) Fluorene	15.539	166	1984971	20.449	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	1034965	20.330	ng/ul	98
63) 4-Nitroaniline	15.563	138	447707	23.477	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.616	198	341021	20.588	ng/ul	94
67) N-Nitrosodiphenylamine	15.751	169	1723323	20.127	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	650216	19.933	ng/ul	99
69) Hexachlorobenzene	16.539	284	749673	20.584	ng/ul	98
70) Atrazine	16.704	200	581263	22.834	ng/ul	98
71) Pentachlorophenol	16.881	266	449679	20.760	ng/ul	99
72) Phenanthrene	17.281	178	3177609	20.362	ng/ul	100
74) Anthracene	17.369	178	3218756	20.577	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	901628	20.181	ng/ul	99
76) Pentachlorobenzene	14.804	250	890659	20.294	ng/ul	100
77) Carbazole	17.645	167	2784508	22.335	ng/ul	100
78) Di-n-butylphthalate	18.198	149	3457528	20.828	ng/ul	100
80) Fluoranthene	19.245	202	3541796	20.368	ng/ul	99
82) Pyrene	19.598	202	3563316	20.313	ng/ul	97
83) Butylbenzylphthalate	20.474	149	1317522	20.516	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.245	252	920838	20.051	ng/ul	98
85) Benzo(a)anthracene	21.304	228	3089781	20.143	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1800579	20.399	ng/ul	100
87) Chrysene	21.357	228	2823003	19.985	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	2677011	19.695	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	2657528	19.361	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	2623386	19.753	ng/ul	100
93) Benzo(a)pyrene	23.592	252	2504623	19.970	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.168	276	3166586	21.132	ng/ul	100
95) Dibenzo(a,h)anthracene	26.180	278	2644140	21.212	ng/ul	100
96) Benzo(g,h,i)perylene	26.921	276	2571569	21.324	ng/ul	97

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

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