

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018228.D
 Acq On : 17 Nov 2023 19:02
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020684

Quant Time: Nov 17 20:42:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	52791	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	189458	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	134655	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	310484	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	317284	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	355225	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	12395	8.283	ng/uL	0.00
4) Pyridine-d5	3.593	84	69876	17.908	ng/u1	0.00
7) Phenol-d5	6.952	99	89151	17.492	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	58468	19.521	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	73304	18.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	72106	17.265	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	34730	20.347	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	36363	18.804	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	61212	17.760	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	90393	19.125	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	230326	18.538	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	249260	18.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	19119	10.298	ng/u1	0.00
60) Fluorene-d10	15.463	176	196741	19.180	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	34998	15.592	ng/u1	0.00
73) Anthracene-d10	17.345	188	311736	18.564	ng/u1	0.00
81) Pyrene-d10	19.598	212	386615	18.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	389563	18.860	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	12734	7.798	ng/uL	99
5) Pyridine	3.611	79	68879	17.104	ng/u1	94
6) Benzaldehyde	6.957	77	57428	20.922	ng/u1	98
8) Phenol	6.975	94	87658	17.435	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.228	93	72910	18.692	ng/u1	96
12) 2-Chlorophenol	7.334	128	74576	18.404	ng/u1	97
13) 2-Methylphenol	8.240	108	65786	17.317	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.293	45	84021m	18.865	ng/u1	
16) Acetophenone	8.640	105	115662	17.423	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.598	70	61883	17.074	ng/u1	96
18) 4-Methylphenol	8.575	108	70399	16.993	ng/u1	100
19) Hexachloroethane	8.822	117	38280	19.744	ng/u1	89
22) Nitrobenzene	9.034	77	97811	21.222	ng/u1	98
23) Isophorone	9.534	82	165265	19.651	ng/u1	99
25) 2-Nitrophenol	9.734	139	36321	18.278	ng/u1#	91
26) 2,4-Dimethylphenol	9.775	107	77987	18.449	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.028	93	83940	18.303	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	58114	17.657	ng/u1	91
30) Naphthalene	10.645	128	219648	19.064	ng/u1	99
32) 4-Chloroaniline	10.804	127	90222	19.928	ng/u1	98
33) Hexachlorobutadiene	10.863	225	51765	21.425	ng/u1	97
34) Caprolactam	11.640	113	19196m	17.557	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	72369	18.277	ng/u1	93
36) 2-Methylnaphthalene	12.269	142	158594	20.050	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	162773	20.025	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	88031	19.352	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	32387	14.750	ng/ul	98
41) 2,4,6-Trichlorophenol	12.892	196	53327	17.871	ng/ul	96
42) 2,4,5-Trichlorophenol	12.975	196	55915	17.804	ng/ul	93
43) 1,1'-Biphenyl	13.286	154	215419	18.814	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	172704	18.998	ng/ul	99
45) 2-Nitroaniline	13.598	65	53085	18.096	ng/ul	92
47) Dimethylphthalate	13.928	163	228747	18.769	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	42708	17.630	ng/ul#	92
50) Acenaphthylene	14.186	152	279031	18.263	ng/ul	98
51) 3-Nitroaniline	14.439	138	39034	17.365	ng/ul	89
52) Acenaphthene	14.528	153	189553	18.710	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	13177	9.971	ng/ul	96
55) 4-Nitrophenol	14.751	109	42838	17.383	ng/ul#	75
56) Dibenzofuran	14.869	168	266759	19.214	ng/ul	96
57) 2,4-Dinitrotoluene	14.886	165	67852	18.747	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	46771	16.741	ng/ul#	92
59) Diethylphthalate	15.286	149	247306	19.422	ng/ul	99
61) Fluorene	15.522	166	222615	18.887	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	110445	19.121	ng/ul	95
63) 4-Nitroaniline	15.616	138	38623	18.208	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.639	198	39066	16.773	ng/ul	92
67) N-Nitrosodiphenylamine	15.745	169	190868	19.169	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	63032	18.012	ng/ul	86
69) Hexachlorobenzene	16.498	284	69935	17.910	ng/ul	97
70) Atrazine	16.704	200	67682	19.486	ng/ul	97
71) Pentachlorophenol	16.875	266	25880	10.919	ng/ul	94
72) Phenanthrene	17.286	178	368129	19.310	ng/ul	99
74) Anthracene	17.380	178	368295	18.931	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	85394	18.011	ng/uL	98
76) Pentachlorobenzene	14.757	250	84304	18.163	ng/uL	96
77) Carbazole	17.680	167	331687	19.633	ng/ul	99
78) Di-n-butylphthalate	18.186	149	440024	20.528	ng/ul	99
80) Fluoranthene	19.269	202	446122	18.024	ng/ul	99
82) Pyrene	19.627	202	472076	18.202	ng/ul	98
83) Butylbenzylphthalate	20.498	149	212407	19.474	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.310	252	145323	19.171	ng/ul	95
85) Benzo(a)anthracene	21.357	228	483986	18.891	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	305291	20.301	ng/ul	98
87) Chrysene	21.415	228	458726	19.139	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	537424	20.230	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	471888	18.666	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	477079	18.757	ng/ul	99
93) Benzo(a)pyrene	23.733	252	448704	18.795	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.468	276	523698	18.290	ng/ul	98
95) Dibenzo(a,h)anthracene	26.492	278	433319	18.379	ng/ul	97
96) Benzo(g,h,i)perylene	27.286	276	416304	18.177	ng/ul#	95

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

