

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017530.D
 Acq On : 04 Oct 2023 13:38
 Operator : MA/JU
 Sample : SSTD01061
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010625

Quant Time: Oct 04 15:24:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 15:11:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	98449	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	399106	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	258718	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	585672	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	601843	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	675593	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	9898	4.130	ng/uL	0.00
4) Pyridine-d5	3.734	84	55081	8.220	ng/u1	0.00
7) Phenol-d5	7.099	99	70862	8.764	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	46229	9.474	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	58079	9.057	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	58100	9.242	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	27111	9.396	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	29946	9.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	57354	9.690	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	81923	9.555	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	186195	10.046	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	199548	9.361	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	25886	8.017	ng/u1	0.00
60) Fluorene-d10	15.639	176	156803	9.827	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	26845	8.132	ng/u1	0.00
73) Anthracene-d10	17.528	188	245991	9.470	ng/u1	0.00
81) Pyrene-d10	19.780	212	297981	9.156	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	303085	9.318	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	9334m	3.803	ng/uL	
5) Pyridine	3.752	79	62292	8.955	ng/u1#	86
6) Benzaldehyde	7.105	77	46534	11.278	ng/u1	98
8) Phenol	7.128	94	74466	9.157	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	61432	9.345	ng/u1	98
12) 2-Chlorophenol	7.499	128	60175	9.240	ng/u1	97
13) 2-Methylphenol	8.399	108	54243	9.014	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	82819m	9.961	ng/u1	
16) Acetophenone	8.804	105	95899	9.872	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.763	70	49181	10.145	ng/u1	95
18) 4-Methylphenol	8.734	108	59578	9.240	ng/u1	100
19) Hexachloroethane	9.010	117	26660	9.861	ng/u1	94
22) Nitrobenzene	9.199	77	71848	9.814	ng/u1	97
23) Isophorone	9.710	82	131609	10.032	ng/u1	98
25) 2-Nitrophenol	9.904	139	32597	9.602	ng/u1	97
26) 2,4-Dimethylphenol	9.946	107	67712	10.011	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.199	93	82614	9.755	ng/u1	96
29) 2,4-Dichlorophenol	10.428	162	55916	9.582	ng/u1	96
30) Naphthalene	10.834	128	200302	9.639	ng/u1	99
32) 4-Chloroaniline	10.975	127	78777	9.588	ng/u1	99
33) Hexachlorobutadiene	11.057	225	43085	10.608	ng/u1	96
34) Caprolactam	11.810	113	17097	10.139	ng/u1	96
35) 4-Chloro-3-methylphenol	12.087	107	59343	10.117	ng/u1	99
36) 2-Methylnaphthalene	12.445	142	135112	9.962	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	140212	10.113	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	77565	9.342	ng/ul	97
40) Hexachlorocyclopentadiene	12.740	237	31843	6.777	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	47963	9.523	ng/ul	97
42) 2,4,5-Trichlorophenol	13.140	196	49686	9.417	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	180181	9.179	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	144263	9.270	ng/ul	98
45) 2-Nitroaniline	13.757	65	36683	9.596	ng/ul	96
47) Dimethylphthalate	14.098	163	188008	10.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	31600	9.745	ng/ul	96
50) Acenaphthylene	14.363	152	235664	9.455	ng/ul	99
51) 3-Nitroaniline	14.592	138	30647	8.782	ng/ul#	96
52) Acenaphthene	14.704	153	155742	9.461	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	13920	6.862	ng/ul	94
55) 4-Nitrophenol	14.898	109	23852	9.456	ng/ul	97
56) Dibenzofuran	15.039	168	220715	9.791	ng/ul	99
57) 2,4-Dinitrotoluene	15.039	165	47358	9.915	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	44525	9.945	ng/ul	98
59) Diethylphthalate	15.457	149	186347	10.325	ng/ul	99
61) Fluorene	15.698	166	181753	9.923	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	94434	10.173	ng/ul	99
63) 4-Nitroaniline	15.769	138	29504	9.473	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.792	198	29613	8.316	ng/ul#	96
67) N-Nitrosodiphenylamine	15.916	169	149323	9.269	ng/ul	100
68) 4-Bromophenyl-phenylether	16.598	248	56900	9.671	ng/ul	99
69) Hexachlorobenzene	16.681	284	67220	9.845	ng/ul	98
70) Atrazine	16.881	200	54987	9.527	ng/ul	99
71) Pentachlorophenol	17.051	266	35620	8.446	ng/ul	93
72) Phenanthrene	17.469	178	291551	9.504	ng/ul	99
74) Anthracene	17.563	178	294847	9.484	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	78036	8.682	ng/uL	98
76) Pentachlorobenzene	14.934	250	78902	9.292	ng/uL	98
77) Carbazole	17.851	167	262496	9.493	ng/ul	99
78) Di-n-butylphthalate	18.363	149	308283	10.138	ng/ul	100
80) Fluoranthene	19.451	202	351362	9.257	ng/ul	99
82) Pyrene	19.810	202	373968	9.268	ng/ul	99
83) Butylbenzylphthalate	20.674	149	138601	9.688	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.486	252	114032	8.721	ng/ul	100
85) Benzo(a)anthracene	21.545	228	383950	9.452	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	199860	9.673	ng/ul	99
87) Chrysene	21.604	228	364940	9.547	ng/ul	98
89) Di-n-octyl phthalate	22.410	149	338814	9.117	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	378296	9.497	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	386173	9.610	ng/ul	99
93) Benzo(a)pyrene	24.027	252	356687	9.359	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	435488	9.117	ng/ul	98
95) Dibenzo(a,h)anthracene	26.915	278	368972	9.274	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	352686	9.155	ng/ul	97

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

