

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017438.D
 Acq On : 29 Sep 2023 09:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020760

Quant Time: Sep 29 22:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 22:31:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	138880	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	594139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	361261	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	823669	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	816690	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	939881	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	29035	8.587	ng/uL	0.00
4) Pyridine-d5	3.734	84	196388	20.776	ng/u1	0.00
7) Phenol-d5	7.116	99	245979	21.565	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	145583	21.149	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	201846	22.312	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	193321	21.800	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	94277	21.949	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	105204	22.557	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	196774	22.332	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	272516	21.350	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	525860	20.319	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	630787	21.192	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	85787	19.027	ng/u1	0.00
60) Fluorene-d10	15.657	176	464714	20.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	73877	15.914	ng/u1	0.00
73) Anthracene-d10	17.545	188	755874	20.692	ng/u1	0.00
81) Pyrene-d10	19.798	212	927123	20.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	931537	20.585	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	30748	8.880	ng/uL	91
5) Pyridine	3.758	79	209375	21.336	ng/u1	98
6) Benzaldehyde	7.116	77	130786	22.469	ng/u1	98
8) Phenol	7.146	94	247928	21.611	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.399	93	196805	21.222	ng/u1	96
12) 2-Chlorophenol	7.516	128	204279	22.236	ng/u1	97
13) 2-Methylphenol	8.411	108	185407	21.841	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	248758m	21.210	ng/u1	
16) Acetophenone	8.822	105	299976	21.891	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.787	70	149513	21.862	ng/u1	99
18) 4-Methylphenol	8.746	108	198340	21.806	ng/u1	99
19) Hexachloroethane	9.028	117	86512	22.684	ng/u1	96
22) Nitrobenzene	9.216	77	231866	21.274	ng/u1	99
23) Isophorone	9.728	82	411254	21.057	ng/u1	99
25) 2-Nitrophenol	9.922	139	110799	21.924	ng/u1	96
26) 2,4-Dimethylphenol	9.963	107	214051	21.257	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.222	93	253665	20.120	ng/u1	98
29) 2,4-Dichlorophenol	10.446	162	189929	21.862	ng/u1	98
30) Naphthalene	10.852	128	640909	20.717	ng/u1	100
32) 4-Chloroaniline	10.993	127	263002	21.502	ng/u1	100
33) Hexachlorobutadiene	11.081	225	132355	21.890	ng/u1	98
34) Caprolactam	11.822	113	57153	22.768	ng/u1	90
35) 4-Chloro-3-methylphenol	12.104	107	193822	22.196	ng/u1	98
36) 2-Methylnaphthalene	12.469	142	421177	20.859	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	434502	21.051	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	237318	20.470	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	107974	16.456	ng/ul	97
41) 2,4,6-Trichlorophenol	13.081	196	150560	21.409	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	163380	22.175	ng/ul	100
43) 1,1'-Biphenyl	13.481	154	547487	19.975	ng/ul	98
44) 2-Chloronaphthalene	13.534	162	447651	20.601	ng/ul	98
45) 2-Nitroaniline	13.775	65	120459	22.566	ng/ul	93
47) Dimethylphthalate	14.116	163	523897	20.096	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	103991	22.966	ng/ul	93
50) Acenaphthylene	14.387	152	718443	20.642	ng/ul	99
51) 3-Nitroaniline	14.610	138	108365	22.239	ng/ul	95
52) Acenaphthene	14.722	153	463666	20.171	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	62574	22.092	ng/ul	96
55) 4-Nitrophenol	14.910	109	82908	23.538	ng/ul	97
56) Dibenzofuran	15.063	168	656032	20.841	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	158499	23.764	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.281	232	138585	22.168	ng/ul	98
59) Diethylphthalate	15.481	149	522119	20.717	ng/ul	98
61) Fluorene	15.716	166	541234	21.162	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	268176	20.690	ng/ul	98
63) 4-Nitroaniline	15.787	138	105664	24.296	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.822	198	80551	16.084	ng/ul	98
67) N-Nitrosodiphenylamine	15.940	169	442624	19.537	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	163775	19.792	ng/ul	98
69) Hexachlorobenzene	16.704	284	197616	20.581	ng/ul	96
70) Atrazine	16.898	200	163523	20.146	ng/ul	99
71) Pentachlorophenol	17.075	266	117525	19.814	ng/ul	98
72) Phenanthrene	17.486	178	876020	20.306	ng/ul	99
74) Anthracene	17.581	178	899084	20.563	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	241167	19.078	ng/uL	98
76) Pentachlorobenzene	14.951	250	233380	19.544	ng/uL	97
77) Carbazole	17.869	167	806930	20.749	ng/ul	99
78) Di-n-butylphthalate	18.381	149	915460	21.407	ng/ul	99
80) Fluoranthene	19.463	202	1079630	20.961	ng/ul	99
82) Pyrene	19.828	202	1140074	20.822	ng/ul	100
83) Butylbenzylphthalate	20.686	149	458622	23.623	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.498	252	329938	18.594	ng/ul	99
85) Benzo(a)anthracene	21.557	228	1143297	20.742	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	676239	24.119	ng/ul	99
87) Chrysene	21.616	228	1056287	20.363	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	1195147	23.117	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1123508	20.275	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	1119185	20.019	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1065070	20.089	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	1321113	19.879	ng/ul	99
95) Dibenzo(a,h)anthracene	26.921	278	1091132	19.713	ng/ul	98
96) Benzo(g,h,i)perylene	27.762	276	1070256	19.971	ng/ul	98

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

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