

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
 Data File : BP015349.D
 Acq On : 30 May 2023 23:51
 Operator : CG/JU
 Sample : 02961-12MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0FQ2MSD

Quant Time: May 31 01:28:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:23:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	185432	20.000	ng/u1	0.00
20) Naphthalene-d8	10.939	136	815351	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	572966	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1365389	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1396242	20.000	ng/u1	#-0.01
88) Perylene-d12	24.145	264	1666663	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	16309	3.417	ng/uL	0.00
4) Pyridine-d5	3.863	84	72118	5.331	ng/u1	0.00
7) Phenol-d5	7.263	99	79827	4.637	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	245249	24.664	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	255006	20.144	ng/u1	0.00
15) 4-Methylphenol-d8	8.822	113	171622	12.510	ng/u1	-0.01
21) Nitrobenzene-d5	9.287	128	184261	28.759	ng/u1	0.00
24) 2-Nitrophenol-d4	10.016	143	210710	29.557	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	360397	28.016	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	310732	16.326	ng/u1	0.00
46) Dimethylphthalate-d6	14.157	166	1411302	32.596	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	1485484	29.999	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.951	143	47518	5.652	ng/u1	-0.01
60) Fluorene-d10	15.745	176	1167967	31.969	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	283302	32.924	ng/u1	-0.01
73) Anthracene-d10	17.610	188	1900724	30.401	ng/u1	0.00
81) Pyrene-d10	19.827	212	2426012	29.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	2674939	32.331	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.457	88	15331	2.989	ng/uL#	92
5) Pyridine	3.887	79	82071	5.833	ng/u1	94
6) Benzaldehyde	7.240	77	307110m	64.897	ng/u1	
8) Phenol	7.287	94	94880	5.374	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.522	93	359972	25.485	ng/u1	98
12) 2-Chlorophenol	7.669	128	276523	20.652	ng/u1	97
13) 2-Methylphenol	8.557	108	212636	15.584	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	460085	25.999	ng/u1	99
16) Acetophenone	8.945	105	619965	28.954	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.922	70	325834	29.016	ng/u1	93
18) 4-Methylphenol	8.887	108	201169	13.395	ng/u1	97
19) Hexachloroethane	9.198	117	139393	25.496	ng/u1#	76
22) Nitrobenzene	9.328	77	467410	29.538	ng/u1	98
23) Isophorone	9.857	82	975386	29.988	ng/u1	99
25) 2-Nitrophenol	10.045	139	235501	30.125	ng/u1#	89
26) 2,4-Dimethylphenol	10.098	107	397657	25.491	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.339	93	542494	27.413	ng/u1	99
29) 2,4-Dichlorophenol	10.586	162	380225	29.262	ng/u1	98
30) Naphthalene	10.992	128	1267064	28.584	ng/u1	99
32) 4-Chloroaniline	11.098	127	354738	18.134	ng/u1	99
33) Hexachlorobutadiene	11.269	225	277593	35.446	ng/u1	94
34) Caprolactam	11.892	113	16394m	3.346	ng/u1	
35) 4-Chloro-3-methylphenol	12.210	107	392003	26.718	ng/u1	99
36) 2-Methylnaphthalene	12.586	142	917401	30.716	ng/u1	100

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37) 1-Methylnaphthalene	12.804	142	923120	30.777	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.951	216	568854	33.196	ng/ul	98
40) Hexachlorocyclopentadiene	12.922	237	266801	24.030	ng/ul	96
41) 2,4,6-Trichlorophenol	13.192	196	388695	32.123	ng/ul	98
42) 2,4,5-Trichlorophenol	13.263	196	427476	32.582	ng/ul	99
43) 1,1'-Biphenyl	13.586	154	1320240	29.698	ng/ul	98
44) 2-Chloronaphthalene	13.633	162	1044351	30.082	ng/ul	100
45) 2-Nitroaniline	13.839	65	331745	33.397	ng/ul	93
47) Dimethylphthalate	14.204	163	1478588	32.791	ng/ul	99
48) 2,6-Dinitrotoluene	14.333	165	324893	36.369	ng/ul	94
50) Acenaphthylene	14.475	152	1662120	30.083	ng/ul	99
51) 3-Nitroaniline	14.663	138	254174	31.598	ng/ul	97
52) Acenaphthene	14.816	153	1141083	30.238	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	193875	32.687	ng/ul	95
55) 4-Nitrophenol	14.969	109	47561	7.691	ng/ul#	78
56) Dibenzofuran	15.151	168	1660862	31.643	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	478059	36.983	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.374	232	418347	37.782	ng/ul	95
59) Diethylphthalate	15.557	149	1520919	33.819	ng/ul	100
61) Fluorene	15.798	166	1366800	32.403	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.786	204	721117	34.989	ng/ul	97
63) 4-Nitroaniline	15.827	138	292528	42.112	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.886	198	297141	33.460	ng/ul#	94
67) N-Nitrosodiphenylamine	16.004	169	1168428	29.103	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	513937	36.544	ng/ul	97
69) Hexachlorobenzene	16.810	284	643054	38.692	ng/ul#	91
70) Atrazine	16.957	200	515648	34.749	ng/ul	99
71) Pentachlorophenol	17.157	266	375985	36.167	ng/ul	97
72) Phenanthrene	17.551	178	2329818	31.336	ng/ul	99
74) Anthracene	17.645	178	2339356	31.115	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.557	216	597277	30.853	ng/ul	100
76) Pentachlorobenzene	15.069	250	651349	33.509	ng/ul	99
77) Carbazole	17.910	167	2156541	32.711	ng/ul	100
78) Di-n-butylphthalate	18.439	149	2720918	32.048	ng/ul	100
80) Fluoranthene	19.504	202	2973114	30.122	ng/ul#	94
82) Pyrene	19.857	202	3040292	29.829	ng/ul#	93
83) Butylbenzylphthalate	20.709	149	1304807	28.876	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	949058	30.949	ng/ul#	97
85) Benzo(a)anthracene	21.568	228	3128717	32.408	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1889911	29.052	ng/ul#	99
87) Chrysene	21.627	228	2941518	31.873	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	3280066	28.736	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	3387167	32.058	ng/ul#	97
91) Benzo(k)fluoranthene	23.409	252	3359160	33.110	ng/ul#	97
93) Benzo(a)pyrene	24.033	252	2944519	31.529	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.856	276	3693559	30.545	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.874	278	3075374	30.982	ng/ul#	95
96) Benzo(g,h,i)perylene	27.691	276	2943537	29.851	ng/ul#	94

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

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