

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014963.D
 Acq On : 04 May 2023 21:08
 Operator : CG/JU
 Sample : 02447-19MSD 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937MSD

Quant Time: May 05 00:47:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	329751	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1224465	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	599792	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1072408	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1088964	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1365036	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1958	0.221	ng/uL	0.00
4) Pyridine-d5	3.928	84	10708m	0.442	ng/u1	0.03
7) Phenol-d5	7.305	99	30066	1.052	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	19721	1.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	25143	1.196	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	22201	1.008	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	11168	1.282	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	10838	1.212	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	22044	1.255	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	16124	0.635	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	61297	1.444	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	69016	1.356	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	3841m	0.520	ng/u1	0.00
60) Fluorene-d10	15.798	176	49347	1.351	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2362	0.391	ng/u1	0.00
73) Anthracene-d10	17.663	188	72178	1.498	ng/u1	0.00
81) Pyrene-d10	19.881	212	91281	1.243	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	104575	1.572	ng/u1	0.00

Target Compounds				Qvalue		
6) Benzaldehyde	7.293	77	26172m	3.348	ng/u1	
8) Phenol	7.334	94	47766	1.591	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.575	93	36529	1.464	ng/u1	98
12) 2-Chlorophenol	7.722	128	35958	1.579	ng/u1	98
13) 2-Methylphenol	8.605	108	33365	1.491	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.699	45	46526	1.470	ng/u1	98
16) Acetophenone	8.999	105	57161	1.587	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.975	70	26287	1.432	ng/u1	98
18) 4-Methylphenol	8.934	108	37118	1.500	ng/u1	100
19) Hexachloroethane	9.263	117	15654	1.584	ng/u1	99
22) Nitrobenzene	9.381	77	36299	1.586	ng/u1	98
23) Isophorone	9.910	82	71240	1.575	ng/u1	99
25) 2-Nitrophenol	10.099	139	14817	1.441	ng/u1	93
26) 2,4-Dimethylphenol	10.152	107	36597	1.640	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.393	93	44162	1.528	ng/u1	99
29) 2,4-Dichlorophenol	10.634	162	30173	1.661	ng/u1	94
30) Naphthalene	11.052	128	171373	2.546	ng/u1	99
33) Hexachlorobutadiene	11.334	225	21637	1.846	ng/u1	90
34) Caprolactam	11.916	113	7843m	1.402	ng/u1	
35) 4-Chloro-3-methylphenol	12.263	107	28120	1.506	ng/u1	100
36) 2-Methylnaphthalene	12.646	142	91288	2.193	ng/u1	100
37) 1-Methylnaphthalene	12.863	142	95682	2.230	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	37589	2.009	ng/u1	95
41) 2,4,6-Trichlorophenol	13.246	196	21489	1.864	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,5-Trichlorophenol	13.316	196	21197	1.706	ng/ul	94
43) 1,1'-Biphenyl	13.646	154	97885	2.041	ng/ul	99
44) 2-Chloronaphthalene	13.687	162	70245	1.881	ng/ul	98
45) 2-Nitroaniline	13.887	65	13432	1.544	ng/ul	85
47) Dimethylphthalate	14.251	163	81885	1.835	ng/ul	99
48) 2,6-Dinitrotoluene	14.375	165	11431	1.449	ng/ul	94
50) Acenaphthylene	14.534	152	238398	4.130	ng/ul	99
51) 3-Nitroaniline	14.710	138	8301	1.163	ng/ul#	93
52) Acenaphthene	14.869	153	173403	4.341	ng/ul	98
56) Dibenzofuran	15.204	168	178612	3.314	ng/ul	98
57) 2,4-Dinitrotoluene	15.163	165	14176	1.283	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.428	232	15779	1.560	ng/ul#	96
59) Diethylphthalate	15.610	149	74880	1.775	ng/ul	98
61) Fluorene	15.857	166	195046	4.588	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	37716	1.813	ng/ul	96
63) 4-Nitroaniline	15.863	138	10869m	1.825	ng/ul	
67) N-Nitrosodiphenylamine	16.057	169	61995	1.905	ng/ul	98
68) 4-Bromophenyl-phenylether	16.745	248	22159	1.986	ng/ul	95
69) Hexachlorobenzene	16.863	284	26657	2.029	ng/ul	99
70) Atrazine	17.004	200	18566	1.695	ng/ul	97
71) Pentachlorophenol	17.204	266	9623	1.254	ng/ul	92
72) Phenanthrene	17.604	178	2421758	40.876	ng/ul	99
74) Anthracene	17.698	178	736419	12.485	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.610	216	37359	2.104	ng/uL	93
76) Pentachlorobenzene	15.128	250	33744	1.998	ng/uL	93
77) Carbazole	17.957	167	271213	5.467	ng/ul	100
78) Di-n-butylphthalate	18.492	149	115937	2.090	ng/ul	98
80) Fluoranthene	19.557	202	4932473	54.731	ng/ul	100
82) Pyrene	19.910	202	4536090	47.507	ng/ul	99
83) Butylbenzylphthalate	20.763	149	55410	1.933	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.551	252	43266	2.361	ng/ul	96
85) Benzo(a)anthracene	21.627	228	2810360	38.665	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.522	149	98822	2.740	ng/ul	97
87) Chrysene	21.686	228	2654179	36.266	ng/ul	97
89) Di-n-octyl phthalate	22.510	149	155624	1.953	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	3650666	41.381	ng/ul	98
91) Benzo(k)fluoranthene	23.492	252	1240057m	13.811	ng/ul	
93) Benzo(a)pyrene	24.127	252	2610409	33.740	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.004	276	1912753	20.268	ng/ul	96
95) Dibenzo(a,h)anthracene	27.010	278	609258	7.876	ng/ul	96
96) Benzo(g,h,i)perylene	27.851	276	1624909	20.230	ng/ul	98

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

