

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
 Data File : BP014287.D
 Acq On : 24 Mar 2023 12:37
 Operator : CG/JU
 Sample : 02037-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E45E9MSD

Quant Time: Mar 24 22:34:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 22:30:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	182705	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	821209	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.681	164	573758	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1308092	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.521	240	1211213	20.000	ng/u1	#-0.01
88) Perylene-d12	24.039	264	1148588	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	18525	3.831	ng/uL	0.00
4) Pyridine-d5	3.840	84	150099m	11.211	ng/u1	0.00
7) Phenol-d5	7.193	99	120923	7.500	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	311424	33.119	ng/u1	0.00
11) 2-Chlorophenol-d4	7.563	132	277071	22.555	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	250658	19.032	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	195095	29.775	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	220827	28.154	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.475	165	394111	26.704	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.998	131	607568	31.108	ng/u1	-0.01
46) Dimethylphthalate-d6	14.087	166	1561769	32.074	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	1620327	31.412	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	54700	6.375	ng/u1	0.00
60) Fluorene-d10	15.675	176	1316860	31.910	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	297986	30.140	ng/u1	0.00
73) Anthracene-d10	17.539	188	2159365	34.005	ng/u1	0.00
81) Pyrene-d10	19.763	212	2547712	38.138	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.880	264	2169502	35.510	ng/u1	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	20388	3.906	ng/uL	93
5) Pyridine	3.858	79	128521m	9.466	ng/u1	
6) Benzaldehyde	7.169	77	288716m	35.988	ng/u1	
8) Phenol	7.222	94	131423	7.904	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.452	93	405889	31.863	ng/u1	97
12) 2-Chlorophenol	7.593	128	290543	23.476	ng/u1	94
13) 2-Methylphenol	8.481	108	279044	22.569	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.563	45	524635	38.137	ng/u1	97
16) Acetophenone	8.863	105	686684	32.275	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.846	70	376349	34.577	ng/u1	96
18) 4-Methylphenol	8.810	108	265402	19.516	ng/u1	100
19) Hexachloroethane	9.116	117	144814	26.716	ng/u1	91
22) Nitrobenzene	9.251	77	553347	31.570	ng/u1	99
23) Isophorone	9.781	82	1075516	31.863	ng/u1	97
25) 2-Nitrophenol	9.963	139	236572	29.265	ng/u1	96
26) 2,4-Dimethylphenol	10.022	107	447558	25.294	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.257	93	617228	31.613	ng/u1	98
29) 2,4-Dichlorophenol	10.504	162	398344	27.362	ng/u1	96
30) Naphthalene	10.904	128	1316816	29.201	ng/u1	99
32) 4-Chloroaniline	11.022	127	487947	24.828	ng/u1	98
33) Hexachlorobutadiene	11.181	225	282775	24.409	ng/u1	97
34) Caprolactam	11.845	113	20894m	4.420	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	502162	29.830	ng/u1	95
36) 2-Methylnaphthalene	12.504	142	964505	30.494	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	980123	30.830	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	581225	28.013	ng/ul	97
40) Hexachlorocyclopentadiene	12.845	237	299564	20.163	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	405704	31.127	ng/ul	98
42) 2,4,5-Trichlorophenol	13.187	196	454819	31.797	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1379533	31.230	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1094033	31.184	ng/ul	97
45) 2-Nitroaniline	13.769	65	418633	40.345	ng/ul	92
47) Dimethylphthalate	14.134	163	1605031	33.301	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	338413	35.514	ng/ul	97
50) Acenaphthylene	14.404	152	1769820	32.694	ng/ul	100
51) 3-Nitroaniline	14.592	138	309774	36.716	ng/ul	90
52) Acenaphthene	14.745	153	1244913	32.896	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	198859	27.945	ng/ul	93
55) 4-Nitrophenol	14.904	109	53138	5.733	ng/ul#	78
56) Dibenzofuran	15.075	168	1781194	32.353	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	498182	34.992	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.304	232	435214	31.803	ng/ul	97
59) Diethylphthalate	15.492	149	1656149	33.878	ng/ul	100
61) Fluorene	15.728	166	1506094	33.002	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	796819	31.634	ng/ul	98
63) 4-Nitroaniline	15.763	138	336777m	38.833	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.810	198	297815	31.574	ng/ul	93
67) N-Nitrosodiphenylamine	15.933	169	1321275	35.764	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	525254	33.215	ng/ul	98
69) Hexachlorobenzene	16.733	284	607942	32.624	ng/ul	95
70) Atrazine	16.892	200	391326	24.559	ng/ul	98
71) Pentachlorophenol	17.086	266	364866	29.954	ng/ul	98
72) Phenanthrene	17.480	178	2504953	35.110	ng/ul	100
74) Anthracene	17.575	178	2540997	35.125	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	610958	30.433	ng/ul	100
76) Pentachlorobenzene	14.998	250	664416	31.861	ng/ul	99
77) Carbazole	17.845	167	2310523	36.210	ng/ul	99
78) Di-n-butylphthalate	18.375	149	2968825	37.228	ng/ul	99
80) Fluoranthene	19.439	202	3059601	40.183	ng/ul#	95
82) Pyrene	19.792	202	3157901	39.757	ng/ul	96
83) Butylbenzylphthalate	20.645	149	1383873	43.209	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.433	252	801597	25.853	ng/ul	99
85) Benzo(a)anthracene	21.504	228	3095741	36.338	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2027691	42.347	ng/ul	99
87) Chrysene	21.563	228	2879071	35.461	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	3342072	46.114	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2887643	37.730	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	2761239	37.835	ng/ul	99
93) Benzo(a)pyrene	23.927	252	2371959	35.631	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	2697997	30.616	ng/ul	97
95) Dibenzo(a,h)anthracene	26.703	278	2247325	30.683	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	2126861	30.195	ng/ul	98

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

