

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014172.D
 Acq On : 21 Mar 2023 09:49
 Operator : CG/JU
 Sample : 01996-03MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0A24MSD

Quant Time: Mar 22 01:17:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 04:47:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/22/2023
 Supervised By : mohammad ahmed 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	190436	20.000	ng/uL	0.00
20) Naphthalene-d8	10.869	136	803263	20.000	ng/uL	# 0.00
38) Acenaphthene-d10	14.693	164	534063	20.000	ng/uL	0.00
64) Phenanthrene-d10	17.445	188	1246445	20.000	ng/uL	# 0.00
79) Chrysene-d12	21.527	240	1156243	20.000	ng/uL	# 0.00
88) Perylene-d12	24.045	264	1011757	20.000	ng/uL	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	20685	4.104	ng/uL	0.00
4) Pyridine-d5	3.852	84	134146	9.613	ng/uL	0.00
7) Phenol-d5	7.211	99	107795	6.414	ng/uL	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	361616	36.896	ng/uL	0.00
11) 2-Chlorophenol-d4	7.581	132	316179	24.694	ng/uL	0.00
15) 4-Methylphenol-d8	8.763	113	215424	15.693	ng/uL	0.00
21) Nitrobenzene-d5	9.222	128	232255	36.238	ng/uL	0.00
24) 2-Nitrophenol-d4	9.952	143	256536	33.437	ng/uL	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	433850	30.054	ng/uL	0.00
31) 4-Chloroaniline-d4	11.010	131	449578	23.533	ng/uL	0.00
46) Dimethylphthalate-d6	14.098	166	1804211	39.806	ng/uL	0.00
49) Acenaphthylene-d8	14.387	160	1842352	38.371	ng/uL	0.00
54) 4-Nitrophenol-d4	14.898	143	57127	7.152	ng/uL	0.00
60) Fluorene-d10	15.681	176	1490199	38.794	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	358312	38.035	ng/uL	0.00
73) Anthracene-d10	17.545	188	2505938	41.414	ng/uL	0.00
81) Pyrene-d10	19.769	212	3031194	47.533	ng/uL	0.00
92) Benzo(a)pyrene-d12	23.886	264	2353939	43.739	ng/uL	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	67489	12.403	ng/uL	93
5) Pyridine	3.870	79	150971	10.668	ng/uL	94
6) Benzaldehyde	7.187	77	331088m	39.595	ng/uL	
8) Phenol	7.234	94	115081	6.640	ng/uL	97
10) Bis(2-Chloroethyl)ether	7.464	93	463157	34.883	ng/uL	98
12) 2-Chlorophenol	7.611	128	319360	24.756	ng/uL	95
13) 2-Methylphenol	8.499	108	244636	18.983	ng/uL	96
14) 2,2'-oxybis(1-Chloropr...	8.575	45	586241m	40.885	ng/uL	
16) Acetophenone	8.881	105	766347	34.557	ng/uL	99
17) N-Nitroso-di-n-propyla...	8.863	70	414244	36.513	ng/uL	97
18) 4-Methylphenol	8.828	108	226493	15.979	ng/uL	95
19) Hexachloroethane	9.134	117	190809	33.772	ng/uL	94
22) Nitrobenzene	9.269	77	625562	36.487	ng/uL	100
23) Isophorone	9.799	82	1174570	35.575	ng/uL	98
25) 2-Nitrophenol	9.981	139	258439	32.684	ng/uL	99
26) 2,4-Dimethylphenol	10.040	107	401968	23.225	ng/uL	99
27) Bis(2-Chloroethoxy)met...	10.275	93	685088	35.873	ng/uL	100
29) 2,4-Dichlorophenol	10.522	162	412026	28.935	ng/uL	98
30) Naphthalene	10.922	128	1506701	34.158	ng/uL	99
32) 4-Chloroaniline	11.034	127	525031	27.311	ng/uL	99
33) Hexachlorobutadiene	11.199	225	343335	30.299	ng/uL	97
34) Caprolactam	11.840	113	20632m	4.462	ng/uL	
35) 4-Chloro-3-methylphenol	12.152	107	486187	29.526	ng/uL	95
36) 2-Methylnaphthalene	12.522	142	1052422	34.017	ng/uL	100

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37) 1-Methylnaphthalene	12.740	142	1078691	34.688	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.887	216	658777	34.111	ng/u1	99
40) Hexachlorocyclopentadiene	12.857	237	334333	24.175	ng/u1	100
41) 2,4,6-Trichlorophenol	13.128	196	424311	34.975	ng/u1	98
42) 2,4,5-Trichlorophenol	13.204	196	472749	35.507	ng/u1	99
43) 1,1'-Biphenyl	13.522	154	1485907	36.138	ng/u1	99
44) 2-Chloronaphthalene	13.569	162	1186052	36.320	ng/u1	98
45) 2-Nitroaniline	13.781	65	449760	46.567	ng/u1	96
47) Dimethylphthalate	14.146	163	1763783	39.315	ng/u1	99
48) 2,6-Dinitrotoluene	14.269	165	378920	42.721	ng/u1	98
50) Acenaphthylene	14.416	152	1910510	37.916	ng/u1	100
51) 3-Nitroaniline	14.604	138	330572	42.093	ng/u1	93
52) Acenaphthene	14.751	153	1342699	38.117	ng/u1	99
53) 2,4-Dinitrophenol	14.810	184	235082	35.491	ng/u1	97
55) 4-Nitrophenol	14.910	109	56209	6.515	ng/u1#	81
56) Dibenzofuran	15.087	168	1926147	37.586	ng/u1	99
57) 2,4-Dinitrotoluene	15.057	165	558989	42.181	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.316	232	458656	36.008	ng/u1	99
59) Diethylphthalate	15.504	149	1827532	40.163	ng/u1	100
61) Fluorene	15.740	166	1615179	38.023	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.728	204	864165	36.858	ng/u1	98
63) 4-Nitroaniline	15.769	138	357197	44.249	ng/u1	94
66) 4,6-Dinitro-2-methylph...	15.822	198	342714	38.131	ng/u1	97
67) N-Nitrosodiphenylamine	15.945	169	1443850	41.015	ng/u1	99
68) 4-Bromophenyl-phenylether	16.628	248	595232	39.502	ng/u1	96
69) Hexachlorobenzene	16.745	284	701836	39.526	ng/u1	98
70) Atrazine	16.898	200	494451	32.565	ng/u1	98
71) Pentachlorophenol	17.092	266	401564	34.597	ng/u1	98
72) Phenanthrene	17.487	178	2767876	40.714	ng/u1	100
74) Anthracene	17.581	178	2788591	40.454	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.493	216	677011	35.391	ng/u1	99
76) Pentachlorobenzene	15.004	250	737524	37.116	ng/u1	99
77) Carbazole	17.851	167	2530707	41.622	ng/u1	99
78) Di-n-butylphthalate	18.381	149	3355496	44.158	ng/u1	99
80) Fluoranthene	19.445	202	3434677	47.253	ng/u1#	96
82) Pyrene	19.798	202	3540221	46.689	ng/u1	95
83) Butylbenzylphthalate	20.651	149	1597867	52.263	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.433	252	941365	31.804	ng/u1	98
85) Benzo(a)anthracene	21.510	228	3408931	41.917	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2353384	51.485	ng/u1	99
87) Chrysene	21.569	228	3210561	41.424	ng/u1	100
89) Di-n-octyl phthalate	22.363	149	3961907	62.059	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	3061777	45.415	ng/u1	99
91) Benzo(k)fluoranthene	23.322	252	2842493	44.216	ng/u1	99
93) Benzo(a)pyrene	23.939	252	2464220	42.023	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	2952099	38.029	ng/u1	97
95) Dibenzo(a,h)anthracene	26.715	278	2463033	38.176	ng/u1	98
96) Benzo(g,h,i)perylene	27.515	276	2351544	37.900	ng/u1	98

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

