

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016564.D
 Acq On : 14 Aug 2023 16:42
 Operator : MA/JU
 Sample : 03965-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4832MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 14 18:41:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	312758	20.000	ng/ul	0.00	
20) Naphthalene-d8	10.893	136	1414467	20.000	ng/ul	0.00	
38) Acenaphthene-d10	14.710	164	865160	20.000	ng/ul	0.00	
64) Phenanthrene-d10	17.475	188	1933566	20.000	ng/ul	0.00	
79) Chrysene-d12	21.574	240	1917307	20.000	ng/ul	0.00	
88) Perylene-d12	24.163	264	2165405	20.000	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.393	96	28872	3.508	ng/uL	0.00	
4) Pyridine-d5	3.834	84	279847	11.175	ng/ul	0.00	
7) Phenol-d5	7.199	99	575331	19.953	ng/ul	0.00	
9) Bis-(2-Chloroethyl)eth...	7.393	67	367584	19.355	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.575	132	413253	19.954	ng/ul	0.00	
15) 4-Methylphenol-d8	8.763	113	435735	19.005	ng/ul	0.00	
21) Nitrobenzene-d5	9.257	128	203904	20.487	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.975	143	197256	20.867	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.499	165	400023	21.504	ng/ul	0.00	
31) 4-Chloroaniline-d4	11.046	131	416304	13.043	ng/ul	0.00	
46) Dimethylphthalate-d6	14.122	166	1263778	20.196	ng/ul	0.00	
49) Acenaphthylene-d8	14.410	160	1448753	20.512	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.904	143	237689	18.646	ng/ul	0.00	
60) Fluorene-d10	15.704	176	1097278	20.569	ng/ul	0.00	
65) 4,6-Dinitro-2-methylph...	15.822	200	117194	12.740	ng/ul	0.00	
73) Anthracene-d10	17.575	188	1731853	20.707	ng/ul	0.00	
81) Pyrene-d10	19.810	212	2136222	21.264	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.992	264	2216196	21.356	ng/ul	0.00	
Target Compounds							
2) 1,4-Dioxane	3.434	88	81606	9.017	ng/uL	98	
5) Pyridine	3.852	79	352459	13.566	ng/ul	98	
6) Benzaldehyde	7.210	77	412482	25.951	ng/ul	98	
8) Phenol	7.222	94	751771	24.394	ng/ul	98	
10) Bis(2-Chloroethyl)ether	7.493	93	565669	22.723	ng/ul	98	
12) 2-Chlorophenol	7.610	128	512267	23.508	ng/ul	99	
13) 2-Methylphenol	8.493	108	510914	22.824	ng/ul	97	
14) 2,2'-oxybis(1-Chloropr...	8.593	45	758010m	21.848	ng/ul		
16) Acetophenone	8.905	105	959311	25.911	ng/ul	99	
17) N-Nitroso-di-n-propyla...	8.881	70	461437	23.239	ng/ul	99	
18) 4-Methylphenol	8.828	108	570998	23.209	ng/ul	98	
19) Hexachloroethane	9.134	117	208315	22.882	ng/ul	95	
22) Nitrobenzene	9.299	77	673740	24.182	ng/ul	99	
23) Isophorone	9.816	82	1275555	24.239	ng/ul	100	
25) 2-Nitrophenol	10.004	139	272306	25.198	ng/ul	100	
26) 2,4-Dimethylphenol	10.040	107	529423	20.781	ng/ul	99	
27) Bis(2-Chloroethoxy)met...	10.304	93	784063	23.243	ng/ul	99	
29) 2,4-Dichlorophenol	10.528	162	476387	24.890	ng/ul	97	
30) Naphthalene	10.946	128	1733822	23.461	ng/ul	100	
32) 4-Chloroaniline	11.069	127	512795	16.221	ng/ul	99	
33) Hexachlorobutadiene	11.181	225	269799	23.384	ng/ul	100	
34) Caprolactam	11.881	113	161350	21.669	ng/ul	95	
35) 4-Chloro-3-methylphenol	12.163	107	587651	25.118	ng/ul	98	
36) 2-Methylnaphthalene	12.540	142	1149726	23.225	ng/ul	99	

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37) 1-Methylnaphthalene	12.763	142	1152327	23.118	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.887	216	549496	23.746	ng/ul	99
40) Hexachlorocyclopentadiene	12.845	237	277313	19.696	ng/ul	99
41) 2,4,6-Trichlorophenol	13.140	196	362653	25.181	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	406311	26.027	ng/ul	98
43) 1,1'-Biphenyl	13.545	154	1530487	23.799	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	1188363	23.751	ng/ul	99
45) 2-Nitroaniline	13.822	65	398433	26.336	ng/ul	94
47) Dimethylphthalate	14.169	163	1559765	24.379	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	295600	26.674	ng/ul	100
50) Acenaphthylene	14.440	152	1904042	22.890	ng/ul	100
51) 3-Nitroaniline	14.645	138	323062	25.999	ng/ul	98
52) Acenaphthene	14.775	153	1327868	23.848	ng/ul	97
53) 2,4-Dinitrophenol	14.839	184	92382	14.974	ng/ul	98
55) 4-Nitrophenol	14.922	109	264484	25.521	ng/ul	99
56) Dibenzofuran	15.110	168	1818651	23.939	ng/ul	100
57) 2,4-Dinitrotoluene	15.087	165	442355	26.656	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.322	232	334656	25.586	ng/ul	99
59) Diethylphthalate	15.522	149	1627319	24.876	ng/ul	99
61) Fluorene	15.763	166	1516774	24.349	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	696369	23.814	ng/ul	99
63) 4-Nitroaniline	15.810	138	340114	28.602	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.834	198	159658	15.654	ng/ul	96
67) N-Nitrosodiphenylamine	15.975	169	1274186	24.311	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	423434	24.527	ng/ul	97
69) Hexachlorobenzene	16.739	284	481699	23.879	ng/ul	99
70) Atrazine	16.928	200	380426	20.175	ng/ul	98
71) Pentachlorophenol	17.098	266	242418	19.519	ng/ul	98
72) Phenanthrene	17.522	178	2529741	24.833	ng/ul	100
74) Anthracene	17.616	178	2485939	24.295	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	535106	21.776	ng/uL	96
76) Pentachlorobenzene	15.004	250	528343	23.963	ng/uL	98
77) Carbazole	17.892	167	2388103	25.326	ng/ul	99
78) Di-n-butylphthalate	18.404	149	3012252	27.596	ng/ul	100
80) Fluoranthene	19.480	202	3132353	26.124	ng/ul	99
82) Pyrene	19.839	202	3263464	25.775	ng/ul	97
83) Butylbenzylphthalate	20.692	149	1426553	27.968	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	598013	14.324	ng/ul	98
85) Benzo(a)anthracene	21.557	228	3224379	25.023	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	2146631	28.999	ng/ul	100
87) Chrysene	21.616	228	3053592	25.325	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	3649323	27.009	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	3325346	25.791	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	3287834	25.704	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2878377	23.666	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	3674797	25.600	ng/ul	99
95) Dibenzo(a,h)anthracene	26.945	278	3036499	25.418	ng/ul	99
96) Benzo(g,h,i)perylene	27.774	276	2691182	23.556	ng/ul	99

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

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