

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043379.D
 Acq On : 16 Dec 2023 04:03
 Operator : MA/JU
 Sample : PB157812BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS812

Quant Time: Dec 16 04:35:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	525408	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	2228478	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	1156469	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1891162	20.000	ng/u1	0.00
79) Chrysene-d12	21.538	240	1294698	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1464209	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	71429	4.418	ng/uL	0.00
4) Pyridine-d5	3.804	84	1049584	22.558	ng/u1	0.00
7) Phenol-d5	7.157	99	1404344	23.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	865345	22.861	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	1067650	23.395	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	1064479	22.951	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	528779	24.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	559102	25.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	990722	25.192	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1355108	23.422	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2464805	23.676	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	3089354	25.016	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	462018	23.448	ng/u1	0.00
60) Fluorene-d10	15.615	176	2017750	23.439	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	291348	23.294	ng/u1	0.00
73) Anthracene-d10	17.468	188	2624307	24.743	ng/u1	0.00
81) Pyrene-d10	19.750	212	2421046	23.686	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	2281943	25.255	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	154612	8.657	ng/uL	97
5) Pyridine	3.828	79	1121138	23.301	ng/u1	100
6) Benzaldehyde	7.139	77	722721	25.502	ng/u1	98
8) Phenol	7.186	94	1469950	24.998	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	1176083	24.637	ng/u1	97
12) 2-Chlorophenol	7.557	128	1150305	24.744	ng/u1	98
13) 2-Methylphenol	8.439	108	1103417	24.713	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1928538	24.058	ng/u1	99
16) Acetophenone	8.828	105	1702880	23.981	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.822	70	954022	22.510	ng/u1	99
18) 4-Methylphenol	8.775	108	1186444	24.518	ng/u1	99
19) Hexachloroethane	9.069	117	472698	24.115	ng/u1	95
22) Nitrobenzene	9.210	77	1356062	25.414	ng/u1	99
23) Isophorone	9.739	82	2604919	24.066	ng/u1	99
25) 2-Nitrophenol	9.922	139	624409	26.372	ng/u1	97
26) 2,4-Dimethylphenol	9.980	107	1110773	26.336	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.227	93	1557689	24.372	ng/u1	99
29) 2,4-Dichlorophenol	10.451	162	997829	26.145	ng/u1	99
30) Naphthalene	10.857	128	3587155	25.257	ng/u1	100
32) 4-Chloroaniline	10.974	127	1125012	20.221	ng/u1	98
33) Hexachlorobutadiene	11.127	225	509647	26.191	ng/u1	97
34) Caprolactam	11.763	113	333723m	27.363	ng/u1	
35) 4-Chloro-3-methylphenol	12.086	107	1094455	24.415	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	2366474	24.478	ng/u1	99

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37) 1-Methylnaphthalene	12.680	142	2314700	23.737	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.821	216	975209	27.676	ng/ul	97
40) Hexachlorocyclopentadiene	12.792	237	555502	25.126	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	665759	26.581	ng/ul	97
42) 2,4,5-Trichlorophenol	13.133	196	718564	27.019	ng/ul	99
43) 1,1'-Biphenyl	13.468	154	2943977	26.705	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2251760	26.642	ng/ul	99
45) 2-Nitroaniline	13.721	65	735303	25.944	ng/ul	98
47) Dimethylphthalate	14.092	163	2604307	25.331	ng/ul	100
48) 2,6-Dinitrotoluene	14.215	165	526560	26.491	ng/ul	98
50) Acenaphthylene	14.351	152	3701878	26.103	ng/ul	100
51) 3-Nitroaniline	14.539	138	556086	24.370	ng/ul	99
52) Acenaphthene	14.692	153	2379809	25.461	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	222443	21.022	ng/ul	99
55) 4-Nitrophenol	14.845	109	373800	24.431	ng/ul	98
56) Dibenzofuran	15.021	168	3033111	25.127	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	705600	25.126	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.245	232	487915	23.946	ng/ul	100
59) Diethylphthalate	15.451	149	2607422	24.748	ng/ul	99
61) Fluorene	15.674	166	2551640	24.743	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1132020	24.955	ng/ul	98
63) 4-Nitroaniline	15.704	138	587512	28.129	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.757	198	328603	24.608	ng/ul	94
67) N-Nitrosodiphenylamine	15.886	169	2023304	27.854	ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	619861	27.666	ng/ul	99
69) Hexachlorobenzene	16.662	284	697338	27.167	ng/ul	99
70) Atrazine	16.839	200	364698	22.905	ng/ul	97
71) Pentachlorophenol	17.009	266	380629	24.528	ng/ul	100
72) Phenanthrene	17.409	178	3394152	26.480	ng/ul	99
74) Anthracene	17.503	178	3439260	26.587	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	965736	31.095	ng/ul	99
76) Pentachlorobenzene	14.939	250	890642	29.451	ng/ul	97
77) Carbazole	17.774	167	3061637	27.731	ng/ul	99
78) Di-n-butylphthalate	18.345	149	3959356	27.432	ng/ul	100
80) Fluoranthene	19.421	202	3192509	25.221	ng/ul	97
82) Pyrene	19.780	202	3282987	25.229	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1552131	27.588	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.462	252	914602	28.683	ng/ul	96
85) Benzo(a)anthracene	21.521	228	2905620	26.839	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	2274220	28.393	ng/ul	99
87) Chrysene	21.580	228	2667777	27.391	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	3732556	26.648	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2887109	25.730	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2961066	27.057	ng/ul	99
93) Benzo(a)pyrene	23.856	252	2746802	26.832	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.485	276	3556888	29.099	ng/ul	99
95) Dibenzo(a,h)anthracene	26.509	278	2942333	29.069	ng/ul	100
96) Benzo(g,h,i)perylene	27.262	276	2791244	29.130	ng/ul	99

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

