

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042842.D
 Acq On : 17 Nov 2023 13:48
 Operator : MA/JU
 Sample : PB157005BS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS005

Quant Time: Nov 17 14:39:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	28557	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.633	136	121002	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.474	164	80624	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.227	188	178764	20.000	ng/u1	-0.01
79) Chrysene-d12	21.415	240	201335	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	226631	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3966	4.358	ng/uL	0.00
4) Pyridine-d5	3.610	84	56230	24.839	ng/u1	0.00
7) Phenol-d5	6.987	99	69503	25.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	53908	27.603	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	51918	24.209	ng/u1	-0.01
15) 4-Methylphenol-d8	8.539	113	51570	23.566	ng/u1	-0.01
21) Nitrobenzene-d5	9.022	128	24119	22.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.733	143	27439	22.109	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	56238	24.371	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	61720	21.065	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	179818	23.566	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	196379	24.053	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.727	143	16592	19.246	ng/u1	-0.01
60) Fluorene-d10	15.468	176	150021	23.742	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.621	200	28486	21.037	ng/u1	0.00
73) Anthracene-d10	17.327	188	239312	23.887	ng/u1	-0.01
81) Pyrene-d10	19.627	212	310224	23.530	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	334860	24.702	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	9398	9.697	ng/uL#	90
5) Pyridine	3.634	79	64225	26.090	ng/u1	97
6) Benzaldehyde	6.987	77	47879	30.026	ng/u1	92
8) Phenol	7.010	94	72909	26.373	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.263	93	60678	26.571	ng/u1	91
12) 2-Chlorophenol	7.375	128	55169	25.849	ng/u1	91
13) 2-Methylphenol	8.269	108	51552	25.006	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	121141m	29.141	ng/u1	
16) Acetophenone	8.675	105	89457	24.311	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.639	70	58752	26.229	ng/u1	91
18) 4-Methylphenol	8.610	108	55091	24.579	ng/u1	100
19) Hexachloroethane	8.869	117	32233	27.097	ng/u1#	82
22) Nitrobenzene	9.063	77	89128	27.797	ng/u1	95
23) Isophorone	9.569	82	158192	24.771	ng/u1	96
25) 2-Nitrophenol	9.763	139	29699	23.554	ng/u1	90
26) 2,4-Dimethylphenol	9.810	107	56785	21.049	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.063	93	81713	25.321	ng/u1	99
29) 2,4-Dichlorophenol	10.286	162	54281	24.845	ng/u1	96
30) Naphthalene	10.680	128	182075	24.018	ng/u1	100
32) 4-Chloroaniline	10.833	127	57552	20.475	ng/u1	93
33) Hexachlorobutadiene	10.904	225	47492	24.608	ng/u1	97
34) Caprolactam	11.657	113	16959m	26.179	ng/u1	
35) 4-Chloro-3-methylphenol	11.939	107	56521	24.143	ng/u1	98
36) 2-Methylnaphthalene	12.298	142	125526	24.707	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	126325	23.648	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.645	216	80599	25.490	ng/ul	97
40) Hexachlorocyclopentadiene	12.586	237	29189	19.499	ng/ul	92
41) 2,4,6-Trichlorophenol	12.910	196	48235	24.974	ng/ul	95
42) 2,4,5-Trichlorophenol	12.986	196	49497	26.541	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	168684	25.088	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	134249	24.819	ng/ul	98
45) 2-Nitroaniline	13.610	65	49082	27.823	ng/ul	95
47) Dimethylphthalate	13.945	163	184500	24.825	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	32701	23.420	ng/ul	89
50) Acenaphthylene	14.204	152	227315	24.848	ng/ul	100
51) 3-Nitroaniline	14.445	138	25893	22.678	ng/ul	97
52) Acenaphthene	14.539	153	157800	25.505	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	13227	19.052	ng/ul	89
55) 4-Nitrophenol	14.739	109	34066	25.111	ng/ul	96
56) Dibenzofuran	14.880	168	217746	25.357	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	52069	25.401	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.098	232	47932	24.760	ng/ul#	97
59) Diethylphthalate	15.298	149	191448	24.565	ng/ul	98
61) Fluorene	15.527	166	186710	25.609	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	102085	25.981	ng/ul	96
63) 4-Nitroaniline	15.610	138	24844	23.868	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.633	198	31938	23.168	ng/ul	92
67) N-Nitrosodiphenylamine	15.745	169	142157	25.355	ng/ul	99
68) 4-Bromophenyl-phenylether	16.415	248	60066	25.243	ng/ul	92
69) Hexachlorobenzene	16.492	284	73167	25.153	ng/ul	99
70) Atrazine	16.698	200	53271	24.666	ng/ul	97
71) Pentachlorophenol	16.862	266	37916	22.636	ng/ul	99
72) Phenanthrene	17.274	178	285507	25.565	ng/ul	99
74) Anthracene	17.362	178	286177	25.476	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	81526	25.791	ng/uL	98
76) Pentachlorobenzene	14.768	250	86868	26.191	ng/uL	98
77) Carbazole	17.656	167	227865	24.566	ng/ul	99
78) Di-n-butylphthalate	18.174	149	336028	24.774	ng/ul	98
80) Fluoranthene	19.292	202	355255	23.632	ng/ul	100
82) Pyrene	19.656	202	391829	24.583	ng/ul	99
83) Butylbenzylphthalate	20.539	149	154399	22.679	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.344	252	116568	22.622	ng/ul	99
85) Benzo(a)anthracene	21.397	228	403506	25.531	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	237905	23.032	ng/ul	97
87) Chrysene	21.450	228	380427	24.819	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	416853	22.770	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	393145	25.419	ng/ul	99
91) Benzo(k)fluoranthene	23.097	252	422540	25.664	ng/ul	99
93) Benzo(a)pyrene	23.668	252	385716	25.593	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.232	276	486579	25.978	ng/ul	99
95) Dibenzo(a,h)anthracene	26.244	278	400309	25.779	ng/ul	99
96) Benzo(g,h,i)perylene	27.003	276	383662	25.796	ng/ul	98

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

