

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042811.D
 Acq On : 16 Nov 2023 17:56
 Operator : MA/JU
 Sample : PB157004BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS004

Quant Time: Nov 17 00:19:10 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	7.822	152	30898	20.000	ng/u1	0.00
20) Naphthalene-d8	10.633	136	124351	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.480	164	81968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	179389	20.000	ng/u1	0.00
79) Chrysene-d12	21.415	240	195235	20.000	ng/u1	0.00
88) Perylene-d12	23.780	264	215870	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	5307	5.389	ng/uL	0.00
4) Pyridine-d5	3.610	84	69836	28.512	ng/u1	0.00
7) Phenol-d5	6.992	99	82225	27.343	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	64207	30.386	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	63733	27.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	63079	26.641	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	28499	26.140	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	31336	24.570	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	65982	27.823	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	72727	24.154	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	202614	26.118	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	224826	27.086	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	19260	21.975	ng/u1	-0.01
60) Fluorene-d10	15.474	176	171338	26.671	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	32319	23.785	ng/u1	0.00
73) Anthracene-d10	17.333	188	265524	26.411	ng/u1	0.00
81) Pyrene-d10	19.627	212	343716	26.885	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	352775	27.321	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	11610	11.071	ng/uL#	85
5) Pyridine	3.634	79	80048	30.054	ng/u1	95
6) Benzaldehyde	6.992	77	56323	32.645	ng/u1	93
8) Phenol	7.016	94	88007	29.422	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.269	93	72176	29.212	ng/u1	93
12) 2-Chlorophenol	7.375	128	65860	28.521	ng/u1#	89
13) 2-Methylphenol	8.275	108	60074	26.932	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.334	45	143674m	31.943	ng/u1	
16) Acetophenone	8.675	105	107250	26.938	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.645	70	69299	28.593	ng/u1	88
18) 4-Methylphenol	8.610	108	66672	27.493	ng/u1	99
19) Hexachloroethane	8.875	117	37915	29.459	ng/u1	85
22) Nitrobenzene	9.069	77	98883	30.009	ng/u1	96
23) Isophorone	9.575	82	183965	28.031	ng/u1	97
25) 2-Nitrophenol	9.769	139	34859	26.902	ng/u1	95
26) 2,4-Dimethylphenol	9.810	107	70611	25.469	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.063	93	95631	28.836	ng/u1	99
29) 2,4-Dichlorophenol	10.286	162	61990	27.609	ng/u1	95
30) Naphthalene	10.686	128	214357	27.515	ng/u1	99
32) 4-Chloroaniline	10.833	127	70325	24.345	ng/u1	95
33) Hexachlorobutadiene	10.910	225	55530	27.998	ng/u1	97
34) Caprolactam	11.657	113	18271m	27.445	ng/u1	
35) 4-Chloro-3-methylphenol	11.945	107	67755	28.162	ng/u1	99
36) 2-Methylnaphthalene	12.298	142	143073	27.402	ng/u1	98

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37) 1-Methylnaphthalene	12.521	142	147376	26.846	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	94598	29.427	ng/ul	97
40) Hexachlorocyclopentadiene	12.592	237	34471	22.650	ng/ul	100
41) 2,4,6-Trichlorophenol	12.916	196	54524	27.768	ng/ul	96
42) 2,4,5-Trichlorophenol	12.992	196	53450	28.190	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	197350	28.870	ng/ul	97
44) 2-Chloronaphthalene	13.363	162	158393	28.803	ng/ul	96
45) 2-Nitroaniline	13.610	65	55402	30.891	ng/ul	90
47) Dimethylphthalate	13.951	163	203673	26.955	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	37419	26.360	ng/ul#	85
50) Acenaphthylene	14.210	152	262653	28.240	ng/ul	99
51) 3-Nitroaniline	14.445	138	28801	24.812	ng/ul	99
52) Acenaphthene	14.545	153	179689	28.567	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	14358	20.342	ng/ul#	85
55) 4-Nitrophenol	14.745	109	35292m	25.588	ng/ul	
56) Dibenzofuran	14.880	168	245004	28.063	ng/ul	96
57) 2,4-Dinitrotoluene	14.886	165	57372	27.529	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.104	232	53914	27.393	ng/ul#	94
59) Diethylphthalate	15.298	149	215698	27.223	ng/ul	99
61) Fluorene	15.527	166	210764	28.435	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.521	204	116225	29.095	ng/ul	99
63) 4-Nitroaniline	15.610	138	27964	26.425	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.639	198	35463	25.635	ng/ul	97
67) N-Nitrosodiphenylamine	15.751	169	160507	28.528	ng/ul	98
68) 4-Bromophenyl-phenylether	16.415	248	68313	28.609	ng/ul	91
69) Hexachlorobenzene	16.498	284	81698	27.988	ng/ul	98
70) Atrazine	16.698	200	58328	26.914	ng/ul	99
71) Pentachlorophenol	16.868	266	42315	25.174	ng/ul	98
72) Phenanthrene	17.274	178	323920	28.904	ng/ul	99
74) Anthracene	17.368	178	320442	28.427	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.268	216	96153	30.313	ng/uL	98
76) Pentachlorobenzene	14.774	250	100210	30.109	ng/uL	97
77) Carbazole	17.662	167	251551	27.025	ng/ul	99
78) Di-n-butylphthalate	18.174	149	369503	27.148	ng/ul	98
80) Fluoranthene	19.292	202	396149	27.176	ng/ul	97
82) Pyrene	19.662	202	429648	27.798	ng/ul	99
83) Butylbenzylphthalate	20.539	149	166859	25.275	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.350	252	126549	25.326	ng/ul	99
85) Benzo(a)anthracene	21.403	228	437893	28.572	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	253110	25.270	ng/ul	99
87) Chrysene	21.456	228	417158	28.066	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	443123	25.412	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	423068	28.718	ng/ul#	97
91) Benzo(k)fluoranthene	23.097	252	463100	29.530	ng/ul	99
93) Benzo(a)pyrene	23.674	252	418240	29.135	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.244	276	527229	29.552	ng/ul	98
95) Dibenzo(a,h)anthracene	26.256	278	432846	29.264	ng/ul	98
96) Benzo(g,h,i)perylene	27.015	276	406970	28.727	ng/ul	99

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

