

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
 Data File : BM045276.D
 Acq On : 16 Apr 2024 11:23
 Operator : MA/JU
 Sample : PB160228BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS228

Manual IntegrationsAPPROVED

Quant Time: Apr 16 12:49:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 15 22:24:11 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	55526	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	227625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	140941	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.992	188	281244	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	264251	20.000	ng/ul	0.00
88) Perylene-d12	23.403	264	332092	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8784	5.907	ng/uL	0.00
4) Pyridine-d5	3.569	84	91560	22.643	ng/ul	-0.01
7) Phenol-d5	6.763	99	120322	25.561	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.939	67	79127	28.214	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	102998	27.929	ng/ul	0.00
15) 4-Methylphenol-d8	8.292	113	98084	26.620	ng/ul	0.00
21) Nitrobenzene-d5	8.739	128	50394	28.822	ng/ul	0.00
24) 2-Nitrophenol-d4	9.451	143	56362	30.541	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.980	165	102174	30.197	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	134769	25.017	ng/ul	-0.01
46) Dimethylphthalate-d6	13.663	166	293974	29.957	ng/ul	0.00
49) Acenaphthylene-d8	13.921	160	329226	28.398	ng/ul	0.00
54) 4-Nitrophenol-d4	14.468	143	49044	23.947	ng/ul	0.00
60) Fluorene-d10	15.233	176	242821	27.755	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.380	200	44446	26.653	ng/ul	0.00
73) Anthracene-d10	17.092	188	362825	28.678	ng/ul	0.00
81) Pyrene-d10	19.397	212	410628	31.558	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.268	264	478824	29.556	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	12653	8.148	ng/ul#	90
5) Pyridine	3.587	79	94690	22.101	ng/ul	96
6) Benzaldehyde	6.751	77	73428	33.650	ng/ul	99
8) Phenol	6.792	94	125931	25.834	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.028	93	101121	26.581	ng/ul	94
12) 2-Chlorophenol	7.145	128	106421	27.501	ng/ul	98
13) 2-Methylphenol	8.028	108	91884	25.537	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.104	45	123092	27.128	ng/ul	97
16) Acetophenone	8.410	105	151232	25.246	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.392	70	78232	27.660	ng/ul	88
18) 4-Methylphenol	8.357	108	98747	25.463	ng/ul	98
19) Hexachloroethane	8.628	117	48429	28.454	ng/ul	98
22) Nitrobenzene	8.786	77	122400	28.533	ng/ul	99
23) Isophorone	9.304	82	220800	28.015	ng/ul	98
25) 2-Nitrophenol	9.486	139	59548	29.072	ng/ul#	89
26) 2,4-Dimethylphenol	9.545	107	96708	24.489	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.792	93	136449	29.203	ng/ul	99
29) 2,4-Dichlorophenol	10.010	162	97882	28.633	ng/ul	96
30) Naphthalene	10.398	128	323932	26.883	ng/ul	98
32) 4-Chloroaniline	10.533	127	122065	23.287	ng/ul	98
33) Hexachlorobutadiene	10.663	225	60096	28.274	ng/ul	94
34) Caprolactam	11.339	113	28041m	24.297	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	96742	28.468	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.021	142	222548	28.286	ng/ul	96
37) 1-Methylnaphthalene	12.245	142	226954	28.505	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.392	216	111429	28.909	ng/ul	98
40) Hexachlorocyclopentadiene	12.357	237	59845	25.648	ng/ul	95
41) 2,4,6-Trichlorophenol	12.651	196	74221	29.518	ng/ul	97
42) 2,4,5-Trichlorophenol	12.727	196	81074	29.264	ng/ul	92
43) 1,1'-Biphenyl	13.057	154	284744	28.610	ng/ul	97
44) 2-Chloronaphthalene	13.098	162	222745	27.548	ng/ul	98
45) 2-Nitroaniline	13.327	65	66358	29.730	ng/ul	95
47) Dimethylphthalate	13.710	163	288465	28.123	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	57305	28.504	ng/ul#	87
50) Acenaphthylene	13.951	152	364881	26.948	ng/ul	99
51) 3-Nitroaniline	14.168	138	56351	25.696	ng/ul	90
52) Acenaphthene	14.292	153	245471	27.169	ng/ul	99
53) 2,4-Dinitrophenol	14.386	184	28276	23.657	ng/ul	85
55) 4-Nitrophenol	14.486	109	45949	25.510	ng/ul	85
56) Dibenzofuran	14.639	168	330553	26.736	ng/ul	96
57) 2,4-Dinitrotoluene	14.633	165	79773	26.508	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.868	232	67247	28.361	ng/ul	98
59) Diethylphthalate	15.080	149	307673	29.402	ng/ul	98
61) Fluorene	15.292	166	269466	25.859	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.292	204	125350	25.664	ng/ul	93
63) 4-Nitroaniline	15.345	138	52569	26.367	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.392	198	46381	25.972	ng/ul#	96
67) N-Nitrosodiphenylamine	15.515	169	228210	30.079	ng/ul	98
68) 4-Bromophenyl-phenylether	16.192	248	83770	30.583	ng/ul	97
69) Hexachlorobenzene	16.286	284	101212	28.406	ng/ul#	91
70) Atrazine	16.480	200	81629	29.250	ng/ul	92
71) Pentachlorophenol	16.645	266	56565	26.135	ng/ul	98
72) Phenanthrene	17.033	178	419964	27.748	ng/ul	99
74) Anthracene	17.127	178	423532	27.357	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	110253	31.103	ng/uL	99
76) Pentachlorobenzene	14.545	250	111405	29.538	ng/uL	99
77) Carbazole	17.409	167	390666	26.170	ng/ul	99
78) Di-n-butylphthalate	17.980	149	540872	32.128	ng/ul	98
80) Fluoranthene	19.062	202	475050	30.954	ng/ul	99
82) Pyrene	19.427	202	514443	31.063	ng/ul	99
83) Butylbenzylphthalate	20.356	149	237573	34.239	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.133	252	164202	27.946	ng/ul	97
85) Benzo(a)anthracene	21.186	228	494662	27.588	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.133	149	373596	34.446	ng/ul	97
87) Chrysene	21.238	228	473623	28.336	ng/ul	99
89) Di-n-octyl phthalate	22.009	149	654252	31.312	ng/ul	100
90) Benzo(b)fluoranthene	22.750	252	545381	28.177	ng/ul	99
91) Benzo(k)fluoranthene	22.791	252	544498	27.949	ng/ul	100
93) Benzo(a)pyrene	23.309	252	478850	25.420	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.603	276	719430	29.483	ng/ul	99
95) Dibenzo(a,h)anthracene	25.621	278	586852	28.765	ng/ul	97
96) Benzo(g,h,i)perylene	26.273	276	565943	29.399	ng/ul	97

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

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