

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
 Data File : BM034674.D
 Acq On : 14 Apr 2022 18:35
 Operator : CG/JU
 Sample : PB144063BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS063

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/15/2022
 Supervised By :Yogesh Patel 04/23/2022

Quant Time: Apr 15 00:53:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 14 23:42:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	127044	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.678	136	542261	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164	333922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	670379	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.436	240	693821	20.000	ng/ul	# 0.00
88) Perylene-d12	23.812	264	712262	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	21744m	6.103	ng/uL	0.00
4) Pyridine-d5	3.672	84	276646	32.176	ng/ul	0.00
7) Phenol-d5	7.031	99	350885	33.184	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.195	67	251230	35.655	ng/ul	0.00
11) 2-Chlorophenol-d4	7.395	132	293130	35.861	ng/ul	0.00
15) 4-Methylphenol-d8	8.584	113	290455	35.165	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	141957	35.620	ng/ul	0.00
24) 2-Nitrophenol-d4	9.760	143	148638	35.823	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.301	165	275040	35.203	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	352910	32.741	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	855766	35.467	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	1017179	32.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.713	143	133497m	36.285	ng/ul	0.00
60) Fluorene-d10	15.507	176	734362	35.220	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.630	200	146152	35.712	ng/ul	0.00
73) Anthracene-d10	17.354	188	1108426	34.680	ng/ul	0.00
81) Pyrene-d10	19.648	212	1309362	34.577	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.659	264	1319196	36.820	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.284	88	43820	12.215	ng/uL#	80
5) Pyridine	3.690	79	308148	32.799	ng/ul#	74
6) Benzaldehyde	7.001	77	243047m	37.492	ng/ul	
8) Phenol	7.060	94	376643	35.259	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.290	93	302546	35.095	ng/ul#	87
12) 2-Chlorophenol	7.431	128	302341	36.285	ng/ul#	86
13) 2-Methylphenol	8.313	108	277375	35.125	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.407	45	482034	37.398	ng/ul#	85
16) Acetophenone	8.695	105	458585	35.569	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.684	70	265341	38.666	ng/ul#	84
18) 4-Methylphenol	8.648	108	300251	35.741	ng/ul	100
19) Hexachloroethane	8.954	117	134525	35.894	ng/ul	82
22) Nitrobenzene	9.072	77	376128	36.001	ng/ul	89
23) Isophorone	9.607	82	683226	36.825	ng/ul#	92
25) 2-Nitrophenol	9.789	139	161641	36.372	ng/ul#	86
26) 2,4-Dimethylphenol	9.854	107	320961	32.537	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.089	93	409808	36.713	ng/ul	98
29) 2,4-Dichlorophenol	10.325	162	275679	35.751	ng/ul#	96
30) Naphthalene	10.725	128	958810	33.964	ng/ul	98
32) 4-Chloroaniline	10.836	127	359293	33.272	ng/ul	100
33) Hexachlorobutadiene	11.019	225	184448	34.023	ng/ul	98
34) Caprolactam	11.607	113	95656m	38.185	ng/ul	
35) 4-Chloro-3-methylphenol	11.966	107	312158	38.996	ng/ul	90
36) 2-Methylnaphthalene	12.342	142	640268	35.388	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.560	142	665080	35.830	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.713	216	337609	33.778	ng/ul#	96
40) Hexachlorocyclopentadiene	12.695	237	193981	29.574	ng/ul	98
41) 2,4,6-Trichlorophenol	12.954	196	220421	36.303	ng/ul	97
42) 2,4,5-Trichlorophenol	13.024	196	241832	38.436	ng/ul	99
43) 1,1'-Biphenyl	13.354	154	868962	34.353	ng/ul#	97
44) 2-Chloronaphthalene	13.395	162	666030	34.296	ng/ul	97
45) 2-Nitroaniline	13.595	65	217868	41.143	ng/ul#	82
47) Dimethylphthalate	13.977	163	854246	35.976	ng/ul	99
48) 2,6-Dinitrotoluene	14.095	165	178725	39.180	ng/ul#	88
50) Acenaphthylene	14.236	152	1099422	34.921	ng/ul	99
51) 3-Nitroaniline	14.418	138	155031	38.873	ng/ul	83
52) Acenaphthene	14.577	153	727397	34.702	ng/ul	100
53) 2,4-Dinitrophenol	14.630	184	92695	36.058	ng/ul#	77
55) 4-Nitrophenol	14.724	109	124216	39.537	ng/ul#	81
56) Dibenzofuran	14.913	168	1007957	35.381	ng/ul	95
57) 2,4-Dinitrotoluene	14.877	165	256924	40.467	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.142	232	206391	37.362	ng/ul#	87
59) Diethylphthalate	15.336	149	924747	38.342	ng/ul	97
61) Fluorene	15.560	166	860991	35.821	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.554	204	418876	36.104	ng/ul	92
63) 4-Nitroaniline	15.583	138	156721m	44.628	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.642	198	146666	35.942	ng/ul#	85
67) N-Nitrosodiphenylamine	15.765	169	727787	36.439	ng/ul	99
68) 4-Bromophenyl-phenylether	16.448	248	256584	37.026	ng/ul#	91
69) Hexachlorobenzene	16.571	284	298071	35.815	ng/ul#	93
70) Atrazine	16.724	200	270584	36.202	ng/ul	99
71) Pentachlorophenol	16.912	266	184589	36.222	ng/ul	99
72) Phenanthrene	17.301	178	1334660	35.679	ng/ul	99
74) Anthracene	17.389	178	1338937	36.122	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.319	216	356062	33.818	ng/uL	99
76) Pentachlorobenzene	14.836	250	334489	33.853	ng/uL	98
77) Carbazole	17.659	167	1124086	36.658	ng/ul	98
78) Di-n-butylphthalate	18.230	149	1593591	40.946	ng/ul	99
80) Fluoranthene	19.312	202	1557293	37.160	ng/ul#	89
82) Pyrene	19.677	202	1652214	36.273	ng/ul#	87
83) Butylbenzylphthalate	20.571	149	731263	41.008	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.353	252	477668	39.283	ng/ul#	96
85) Benzo(a)anthracene	21.418	228	1501008	37.206	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.353	149	1123342	42.091	ng/ul	98
87) Chrysene	21.471	228	1546963	35.561	ng/ul	100
89) Di-n-octyl phthalate	22.265	149	1923513	40.565	ng/ul	100
90) Benzo(b)fluoranthene	23.089	252	1651098	39.012	ng/ul#	98
91) Benzo(k)fluoranthene	23.136	252	1593047	35.843	ng/ul#	97
93) Benzo(a)pyrene	23.706	252	1625809	38.867	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.282	276	1793119	40.057	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.300	278	1500367	40.884	ng/ul#	97
96) Benzo(g,h,i)perylene	27.041	276	1623510	37.785	ng/ul#	93

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

