

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036725.D
 Acq On : 24 Sep 2022 22:24
 Operator : CG/JU
 Sample : N4662-04MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXZ25MSD

Quant Time: Sep 26 03:32:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	457352	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1983450	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.633	164	1188022	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2282523	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1698084	20.000	ng/ul	-0.01
88) Perylene-d12	23.968	264	1421403	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	44521	3.649	ng/uL	0.00
4) Pyridine-d5	3.822	84	166398	4.677	ng/ul	0.00
7) Phenol-d5	7.163	99	259657	6.353	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	708120	28.529	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	710850	24.158	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	483896	16.023	ng/ul	-0.01
21) Nitrobenzene-d5	9.175	128	479615	35.725	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	458009	38.088	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	832482	29.872	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.951	131	625476	13.499	ng/ul	-0.01
46) Dimethylphthalate-d6	14.045	166	2961681	36.963	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	3291649	34.633	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	114516	7.369	ng/ul	-0.01
60) Fluorene-d10	15.621	176	2539734	35.370	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	412435	45.671	ng/ul	0.00
73) Anthracene-d10	17.468	188	3899268	37.363	ng/ul	0.00
81) Pyrene-d10	19.751	212	4090820	48.969	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2776747	39.986	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	115719	8.805	ng/uL	96
5) Pyridine	3.840	79	216317	6.051	ng/ul	96
6) Benzaldehyde	7.140	77	818005	41.331	ng/ul	95
8) Phenol	7.187	94	289290	6.595	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	959042	28.100	ng/ul	98
12) 2-Chlorophenol	7.569	128	735390	23.103	ng/ul	97
13) 2-Methylphenol	8.451	108	570532	17.695	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1105831	27.337	ng/ul	98
16) Acetophenone	8.834	105	1523879	29.091	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	751464	29.731	ng/ul	95
18) 4-Methylphenol	8.781	108	540059	15.490	ng/ul	99
19) Hexachloroethane	9.092	117	324669	25.182	ng/ul	93
22) Nitrobenzene	9.216	77	1133572	31.803	ng/ul	97
23) Isophorone	9.751	82	2142053	29.474	ng/ul	99
25) 2-Nitrophenol	9.928	139	502956	33.863	ng/ul	99
26) 2,4-Dimethylphenol	9.987	107	900236	24.575	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1295746	29.912	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	837563	28.588	ng/ul	99
30) Naphthalene	10.869	128	3031887	28.060	ng/ul	100
32) 4-Chloroaniline	10.975	127	874698	18.285	ng/ul	99
33) Hexachlorobutadiene	11.151	225	463442	25.864	ng/ul	99
34) Caprolactam	11.781	113	39127m	4.117	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	890340	27.530	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	2093734	29.083	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2145850	29.650	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	1005384	29.899	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	354816	20.247	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	707843	34.380	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	786462	35.629	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	2786528	31.818	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2162069	31.462	ng/ul	99
45) 2-Nitroaniline	13.716	65	713528	42.184	ng/ul	97
47) Dimethylphthalate	14.092	163	2967620	34.915	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	600093	43.427	ng/ul	98
50) Acenaphthylene	14.357	152	3467952	31.915	ng/ul	99
51) 3-Nitroaniline	14.539	138	574541	34.667	ng/ul#	97
52) Acenaphthene	14.698	153	2455128	32.291	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	249828	40.745	ng/ul	97
55) 4-Nitrophenol	14.833	109	96136	7.236	ng/ul	97
56) Dibenzofuran	15.027	168	3380846	33.111	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	872096	43.411	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	677559	36.668	ng/ul#	96
59) Diethylphthalate	15.451	149	3094185	36.366	ng/ul	100
61) Fluorene	15.674	166	2971616	34.171	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1398974	33.637	ng/ul	99
63) 4-Nitroaniline	15.698	138	639444	39.712	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	420704	41.283	ng/ul#	98
67) N-Nitrosodiphenylamine	15.880	169	2382241	35.436	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	792300	35.217	ng/ul	97
69) Hexachlorobenzene	16.674	284	929976	34.949	ng/ul	99
70) Atrazine	16.833	200	819111	34.528	ng/ul	98
71) Pentachlorophenol	17.015	266	545836	34.533	ng/ul	99
72) Phenanthrene	17.410	178	4597810	36.571	ng/ul	99
74) Anthracene	17.504	178	4636752	36.284	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	1066340	34.157	ng/ul	99
76) Pentachlorobenzene	14.945	250	1030110	30.508	ng/ul	99
77) Carbazole	17.768	167	4220185	35.669	ng/ul	100
78) Di-n-butylphthalate	18.333	149	5444954	40.603	ng/ul	99
80) Fluoranthene	19.415	202	4901302	47.879	ng/ul	99
82) Pyrene	19.780	202	5003605	46.176	ng/ul	98
83) Butylbenzylphthalate	20.674	149	2183541	53.179	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	898318	27.074	ng/ul	99
85) Benzo(a)anthracene	21.521	228	4109961	38.629	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	3342235	55.723	ng/ul	99
87) Chrysene	21.574	228	3798629	37.615	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	4879351	56.940	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3559974	39.495	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	3498992	38.849	ng/ul	98
93) Benzo(a)pyrene	23.862	252	3018034	38.088	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	3449282	37.276	ng/ul	96
95) Dibenzo(a,h)anthracene	26.521	278	3161158	37.669	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	3002913	37.434	ng/ul	99

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

