

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047762.D
 Acq On : 02 Oct 2024 04:13
 Operator : RC/JU
 Sample : PB163513BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS513

Manual IntegrationsAPPROVED

Quant Time: Oct 02 05:31:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	265296	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1100619	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	666867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1317484	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1239485	20.000	ng/ul	0.00
88) Perylene-d12	24.403	264	1353920	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	32952	4.014	ng/uL	0.00
4) Pyridine-d5	3.669	84	499445	20.778	ng/ul	0.00
7) Phenol-d5	6.975	99	575708	22.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	358556	20.142	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	472411	25.883	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	442506	23.725	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	227738	25.988	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	230393	27.435	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	449946	26.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	613999	23.674	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1253735	25.931	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1457717	25.429	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	249049	25.872	ng/ul	0.00
60) Fluorene-d10	15.433	176	1069972	25.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	190523	24.712	ng/ul	0.00
73) Anthracene-d10	17.280	188	1593650	24.600	ng/ul	0.00
81) Pyrene-d10	19.562	212	1833369	26.062	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1813827	25.821	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	78525	8.757	ng/uL#	85
5) Pyridine	3.693	79	508215	20.083	ng/ul	89
6) Benzaldehyde	6.945	77	228963	16.783	ng/ul	93
8) Phenol	7.004	94	670825	25.131	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.234	93	522671	24.574	ng/ul	91
12) 2-Chlorophenol	7.375	128	539653	27.909	ng/ul	93
13) 2-Methylphenol	8.251	108	480333	25.807	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	778774	19.450	ng/ul#	95
16) Acetophenone	8.628	105	796016	24.942	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.616	70	409996	24.255	ng/ul#	90
18) 4-Methylphenol	8.581	108	535693	25.611	ng/ul	99
19) Hexachloroethane	8.892	117	226758	26.090	ng/ul	91
22) Nitrobenzene	9.004	77	598144	24.028	ng/ul	92
23) Isophorone	9.533	82	1119727	25.145	ng/ul	95
25) 2-Nitrophenol	9.716	139	287041	29.878	ng/ul	90
26) 2,4-Dimethylphenol	9.780	107	393241	19.103	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.010	93	682680	25.065	ng/ul	96
29) 2,4-Dichlorophenol	10.251	162	497132	28.699	ng/ul	99
30) Naphthalene	10.651	128	1668931	26.362	ng/ul	99
32) 4-Chloroaniline	10.757	127	562024	22.008	ng/ul	100
33) Hexachlorobutadiene	10.945	225	302428	26.424	ng/ul	98
34) Caprolactam	11.527	113	132362m	23.892	ng/ul	
35) 4-Chloro-3-methylphenol	11.880	107	522798	29.156	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	1119900	27.841	ng/ul	96
37) 1-Methylnaphthalene	12.486	142	1154315	28.205	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	584833	26.940	ng/ul	96
40) Hexachlorocyclopentadiene	12.621	237	244426	18.616	ng/ul	99
41) 2,4,6-Trichlorophenol	12.874	196	322461	25.673	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	367294	26.742	ng/ul	96
43) 1,1'-Biphenyl	13.274	154	1455480	27.260	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	1122937	27.193	ng/ul	97
45) 2-Nitroaniline	13.516	65	338207	25.800	ng/ul#	81
47) Dimethylphthalate	13.898	163	1378658	28.156	ng/ul	99
48) 2,6-Dinitrotoluene	14.015	165	267613	31.121	ng/ul	86
50) Acenaphthylene	14.163	152	1825647	28.240	ng/ul	99
51) 3-Nitroaniline	14.339	138	317320	30.489	ng/ul	89
52) Acenaphthene	14.504	153	1203382	26.333	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	141020	26.539	ng/ul#	79
55) 4-Nitrophenol	14.651	109	211841	26.211	ng/ul	88
56) Dibenzofuran	14.839	168	1695858	27.568	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	408176	31.604	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.062	232	254729	23.528	ng/ul#	97
59) Diethylphthalate	15.262	149	1374367	28.054	ng/ul	98
61) Fluorene	15.486	166	1391745	27.118	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.480	204	659219	27.184	ng/ul	99
63) 4-Nitroaniline	15.498	138	336194	33.261	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.562	198	231752	27.128	ng/ul#	86
67) N-Nitrosodiphenylamine	15.692	169	1141281	27.799	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	389893	28.710	ng/ul	98
69) Hexachlorobenzene	16.492	284	453908	28.721	ng/ul	94
70) Atrazine	16.639	200	869	0.064	ng/ul#	61
71) Pentachlorophenol	16.833	266	198907	19.793	ng/ul	96
72) Phenanthrene	17.221	178	2130728	27.578	ng/ul	100
74) Anthracene	17.309	178	2101246	26.665	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	606065	27.784	ng/uL	99
76) Pentachlorobenzene	14.762	250	504897	23.713	ng/uL	98
77) Carbazole	17.580	167	1986232	27.808	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2336352	29.380	ng/ul	99
80) Fluoranthene	19.233	202	2409812	29.086	ng/ul	98
82) Pyrene	19.592	202	2626738	28.485	ng/ul	96
83) Butylbenzylphthalate	20.486	149	1017425	31.209	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.309	252	755908	28.862	ng/ul	99
85) Benzo(a)anthracene	21.386	228	2463050	28.381	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	1464389	29.919	ng/ul	98
87) Chrysene	21.444	228	2359108	27.884	ng/ul	98
89) Di-n-octyl phthalate	22.444	149	2478846	28.385	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	2477429	29.342	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	2408442	27.896	ng/ul	99
93) Benzo(a)pyrene	24.268	252	2091103	26.077	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.797	276	2919728	28.412	ng/ul	99
95) Dibenzo(a,h)anthracene	27.856	278	2386177	28.334	ng/ul	97
96) Benzo(g,h,i)perylene	28.856	276	2279381	28.310	ng/ul	97

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

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