Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042880.D
Acq On : 18 Nov 2023 13:39
Operator : MA/JU
Sample : PB156975BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 18 21:58:23 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

Instrument :
BNA_M
ClientSampleId :
SLCS975

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	23020	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.627	136	93613	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.468	164	62387	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.227	188	146248	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.409	240	179919	20.000	ng/ul	-0.01
88) Perylene-d12	23.768	264	186408	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4725	6.440	ng/uL	-0.01
4) Pyridine-d5	3.604	84	59662	32.694	ng/ul	-0.01
7) Phenol-d5	6.981	99	74780	33.378	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	57338	36.421	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.334	132	54453	31.499	ng/ul	-0.02
15) 4-Methylphenol-d8	8.539	113	54973	31.163	ng/ul	-0.01
21) Nitrobenzene-d5	9.016	128	24876	30.309	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.727	143	26768	27.879	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	56160	31.457	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.804	131	62145	27.416	ng/ul	-0.01
46) Dimethylphthalate-d6	13.892	166	184496	31.247	ng/ul	-0.01
49) Acenaphthylene-d8	14.168	160	200651	31.761	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.721	143	19436	29.136	ng/ul	-0.02
60) Fluorene-d10	15.468	176	157320	32.176	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	31833	28.736	ng/ul	-0.01
73) Anthracene-d10	17.327	188	257088	31.367	ng/ul	-0.01
81) Pyrene-d10	19.621	212	350750	29.771	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.615	264	382191	34.277	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	11281	14.439	ng/uL#	92
5) Pyridine	3.628	79	72392	36.481	ng/ul	96
6) Benzaldehyde	6.981	77	49055	38.162	ng/ul	88
8) Phenol	7.010	94	78932	35.419	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.257	93	63908	34.717	ng/ul	91
12) 2-Chlorophenol	7.369	128	59045	34.320	ng/ul#	87
13) 2-Methylphenol	8.263	108	54671	32.898	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.328	45	132138m	39.432	ng/ul	
16) Acetophenone	8.669	105	96518	32.539	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.633	70	63389	35.105	ng/ul	92
18) 4-Methylphenol	8.598	108	57639	31.902	ng/ul	95
19) Hexachloroethane	8.863	117	33103	34.522	ng/ul	85
22) Nitrobenzene	9.057	77	90720	36.571	ng/ul	94
23) Isophorone	9.563	82	166443	33.689	ng/ul	97
25) 2-Nitrophenol	9.757	139	30141	30.898	ng/ul#	81
26) 2,4-Dimethylphenol	9.804	107	59897	28.698	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.057	93	85458	34.230	ng/ul	96
29) 2,4-Dichlorophenol	10.280	162	57254	33.873	ng/ul	95
30) Naphthalene	10.675	128	188983	32.224	ng/ul	98
32) 4-Chloroaniline	10.827	127	60541	27.840	ng/ul	96
33) Hexachlorobutadiene	10.898	225	47475	31.797	ng/ul	97
34) Caprolactam	11.651	113	17349m	34.617	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	63437	35.025	ng/ul	94
36) 2-Methylnaphthalene	12.286	142	128110	32.593	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	132709	32.112	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	83337	34.061	ng/ul	97
40) Hexachlorocyclopentadiene	12.580	237	26707	23.056	ng/ul	92
41) 2,4,6-Trichlorophenol	12.904	196	48710	32.593	ng/ul	95
42) 2,4,5-Trichlorophenol	12.980	196	48099	33.330	ng/ul	96
43) 1,1'-Biphenyl	13.304	154	178563	34.320	ng/ul#	97
44) 2-Chloronaphthalene	13.351	162	143775	34.350	ng/ul	96
45) 2-Nitroaniline	13.604	65	55793	40.873	ng/ul	89
47) Dimethylphthalate	13.945	163	189957	33.030	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	34489	31.921	ng/ul#	79
50) Acenaphthylene	14.198	152	241637	34.135	ng/ul	100
51) 3-Nitroaniline	14.439	138	26349	29.824	ng/ul	95
52) Acenaphthene	14.533	153	164218	34.301	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	13920	25.911	ng/ul#	87
55) 4-Nitrophenol	14.733	109	36263	34.544	ng/ul	96
56) Dibenzofuran	14.874	168	232887	35.048	ng/ul	95
57) 2,4-Dinitrotoluene	14.880	165	56285	35.484	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.098	232	48669	32.489	ng/ul#	94
59) Diethylphthalate	15.292	149	201554	33.422	ng/ul	99
61) Fluorene	15.521	166	201176	35.660	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	110269	36.268	ng/ul	97
63) 4-Nitroaniline	15.609	138	25748	31.967	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.627	198	34633	30.708	ng/ul	90
67) N-Nitrosodiphenylamine	15.745	169	155195	33.834	ng/ul	100
68) 4-Bromophenyl-phenylether	16.409	248	64500	33.133	ng/ul	97
69) Hexachlorobenzene	16.492	284	76703	32.231	ng/ul	98
70) Atrazine	16.692	200	49086	27.782	ng/ul	98
71) Pentachlorophenol	16.862	266	39481	28.810	ng/ul	100
72) Phenanthrene	17.268	178	321907	35.233	ng/ul	99
74) Anthracene	17.362	178	320782	34.906	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	84541	32.692	ng/uL	98
76) Pentachlorobenzene	14.762	250	90245	33.259	ng/uL	98
77) Carbazole	17.651	167	253585	33.418	ng/ul	99
78) Di-n-butylphthalate	18.168	149	363976	32.801	ng/ul	98
80) Fluoranthene	19.286	202	413052	30.748	ng/ul	98
82) Pyrene	19.650	202	459088	32.231	ng/ul	97
83) Butylbenzylphthalate	20.533	149	171963	28.265	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.339	252	122040	26.503	ng/ul	99
85) Benzo(a)anthracene	21.391	228	478446	33.876	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	257496	27.896	ng/ul	99
87) Chrysene	21.450	228	470121	34.322	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	463510	30.782	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	463663	36.448	ng/ul	98
91) Benzo(k)fluoranthene	23.091	252	511573	37.777	ng/ul	100
93) Benzo(a)pyrene	23.662	252	459923	37.102	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.226	276	586748	38.086	ng/ul	98
95) Dibenzo(a,h)anthracene	26.238	278	474041	37.115	ng/ul	99
96) Benzo(g,h,i)perylene	26.991	276	451271	36.888	ng/ul	98

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

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