Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042896.D
Acq On : 19 Nov 2023 00:35
Operator : MA/JU
Sample : PB157269BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Nov 19 23:51:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS269

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2023
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	24467	20.000	ng/ul	0.00
20) Naphthalene-d8	10.627	136	95588	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.468	164	60607	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	130550	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	151002	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	160815	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4644	5.956	ng/uL	0.00
4) Pyridine-d5	3.610	84	53254	27.456	ng/ul	0.00
7) Phenol-d5	6.981	99	73806	30.995	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	57014	34.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.333	132	56229	30.602	ng/ul	0.00
15) 4-Methylphenol-d8	8.539	113	56271	30.012	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	25996	31.019	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	28582	29.154	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	56396	30.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	55325	23.903	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	175001	30.509	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	192145	31.308	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	16109	24.857	ng/ul	0.00
60) Fluorene-d10	15.462	176	146086	30.756	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	27643	27.954	ng/ul	0.00
73) Anthracene-d10	17.327	188	228754	31.266	ng/ul	0.00
81) Pyrene-d10	19.621	212	297629	30.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	312118	32.447	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	10319	12.427	ng/uL#	84
5) Pyridine	3.628	79	69150	32.787	ng/ul	98
6) Benzaldehyde	6.981	77	44388	32.489	ng/ul	86
8) Phenol	7.010	94	78760	33.252	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.257	93	66119	33.794	ng/ul	91
12) 2-Chlorophenol	7.369	128	59599	32.593	ng/ul#	88
13) 2-Methylphenol	8.263	108	55214	31.260	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.328	45	134046m	37.635	ng/ul	
16) Acetophenone	8.669	105	98118	31.122	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.633	70	62262	32.442	ng/ul	93
18) 4-Methylphenol	8.598	108	61796	32.180	ng/ul	95
19) Hexachloroethane	8.863	117	35198	34.536	ng/ul	87
22) Nitrobenzene	9.057	77	91705	36.205	ng/ul	95
23) Isophorone	9.563	82	167334	33.169	ng/ul	98
25) 2-Nitrophenol	9.757	139	31453	31.577	ng/ul	87
26) 2,4-Dimethylphenol	9.798	107	65042	30.519	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.057	93	89633	35.160	ng/ul	99
29) 2,4-Dichlorophenol	10.274	162	56942	32.992	ng/ul	95
30) Naphthalene	10.674	128	193228	32.267	ng/ul	98
32) 4-Chloroaniline	10.827	127	56584	25.482	ng/ul	98
33) Hexachlorobutadiene	10.898	225	51253	33.618	ng/ul	96
34) Caprolactam	11.645	113	16330m	31.911	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	59685	32.273	ng/ul	98
36) 2-Methylnaphthalene	12.286	142	130362	32.480	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	130083	30.826	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.639	216	84803	35.678	ng/ul	97
40) Hexachlorocyclopentadiene	12.580	237	32981	29.308	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	47847	32.955	ng/ul	96
42) 2,4,5-Trichlorophenol	12.980	196	48129	34.330	ng/ul	97
43) 1,1'-Biphenyl	13.304	154	175058	34.635	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	140955	34.666	ng/ul	98
45) 2-Nitroaniline	13.604	65	49573	37.383	ng/ul	92
47) Dimethylphthalate	13.939	163	184793	33.076	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	33559	31.973	ng/ul	91
50) Acenaphthylene	14.198	152	231044	33.597	ng/ul	99
51) 3-Nitroaniline	14.439	138	23988	27.949	ng/ul	99
52) Acenaphthene	14.533	153	156201	33.585	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	12931	24.777	ng/ul#	81
55) 4-Nitrophenol	14.739	109	32303	31.676	ng/ul	90
56) Dibenzofuran	14.874	168	219421	33.991	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	51697	33.549	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	46610	32.029	ng/ul#	97
59) Diethylphthalate	15.292	149	190119	32.452	ng/ul	99
61) Fluorene	15.521	166	188243	34.347	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	101956	34.519	ng/ul	96
63) 4-Nitroaniline	15.609	138	23769m	30.377	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.627	198	31769	31.556	ng/ul#	88
67) N-Nitrosodiphenylamine	15.745	169	142746	34.862	ng/ul	98
68) 4-Bromophenyl-phenylether	16.409	248	60329	34.717	ng/ul	91
69) Hexachlorobenzene	16.492	284	71432	33.625	ng/ul	96
70) Atrazine	16.692	200	37014	23.468	ng/ul	95
71) Pentachlorophenol	16.862	266	36266	29.646	ng/ul	92
72) Phenanthrene	17.268	178	284268	34.855	ng/ul	98
74) Anthracene	17.362	178	284710	34.706	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	86330	37.398	ng/uL	99
76) Pentachlorobenzene	14.762	250	88300	36.455	ng/uL	98
77) Carbazole	17.656	167	215421	31.802	ng/ul	99
78) Di-n-butylphthalate	18.168	149	328714	33.186	ng/ul	99
80) Fluoranthene	19.286	202	354967	31.484	ng/ul	99
82) Pyrene	19.650	202	381254	31.892	ng/ul	100
83) Butylbenzylphthalate	20.533	149	150552	29.485	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.338	252	98435	25.470	ng/ul	99
85) Benzo(a)anthracene	21.391	228	391410	33.020	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.280	149	229250	29.592	ng/ul	100
87) Chrysene	21.444	228	376753	32.773	ng/ul	98
89) Di-n-octyl phthalate	22.185	149	403745	31.081	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	384953m	35.076	ng/ul	
91) Benzo(k)fluoranthene	23.085	252	416904	35.686	ng/ul	98
93) Benzo(a)pyrene	23.662	252	376253	35.183	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.226	276	477436	35.923	ng/ul	99
95) Dibenzo(a,h)anthracene	26.238	278	378737	34.372	ng/ul	98
96) Benzo(g,h,i)perylene	26.991	276	374483	35.483	ng/ul	98

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

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