Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038628.D
Acq On : 31 Jan 2023 20:25
Operator : CG/JU
Sample : PB150469BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS469

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/01/2023
Supervised By :mohammad ahmed 02/01/2023

Quant Time: Feb 01 00:06:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	30077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	106646	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	82942	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	186717	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	192811	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	259821	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	4630	5.489	ng/uL	0.00
4) Pyridine-d5	3.757	84	59377	28.110	ng/ul	0.00
7) Phenol-d5	7.116	99	65129	32.440	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	39467	33.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	56797	34.114	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	51204	31.965	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	25858	31.987	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	34793	32.591	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	73641	31.169	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	62994	27.436	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	206391	30.124	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	224977	30.857	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	26951	28.435	ng/ul	0.00
60) Fluorene-d10	15.580	176	191200	31.205	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	48213	30.165	ng/ul	0.00
73) Anthracene-d10	17.427	188	300415	31.964	ng/ul	0.00
81) Pyrene-d10	19.715	212	345327	34.759	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	444268	33.313	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	10105m	11.118	ng/uL	
5) Pyridine	3.781	79	60543	27.910	ng/ul	93
6) Benzaldehyde	7.093	77	39457m	42.624	ng/ul	
8) Phenol	7.145	94	67137	33.400	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	48076	33.475	ng/ul	90
12) 2-Chlorophenol	7.516	128	57516	34.426	ng/ul	97
13) 2-Methylphenol	8.398	108	49137	32.174	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.487	45	50436	33.991	ng/ul	99
16) Acetophenone	8.787	105	90743	32.065	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.769	70	46260	35.569	ng/ul#	98
18) 4-Methylphenol	8.734	108	53488	32.996	ng/ul	90
19) Hexachloroethane	9.028	117	28053	33.289	ng/ul	91
22) Nitrobenzene	9.169	77	77123	31.698	ng/ul	95
23) Isophorone	9.698	82	122506	33.275	ng/ul	98
25) 2-Nitrophenol	9.881	139	34796	32.883	ng/ul	94
26) 2,4-Dimethylphenol	9.939	107	66766	29.049	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	63006	33.563	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	71152	31.686	ng/ul	97
30) Naphthalene	10.816	128	173858	32.857	ng/ul	99
32) 4-Chloroaniline	10.933	127	59090	25.647	ng/ul	95
33) Hexachlorobutadiene	11.086	225	73307	31.413	ng/ul	99
34) Caprolactam	11.733	113	13420m	30.376	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	61778	34.828	ng/ul	96
36) 2-Methylnaphthalene	12.416	142	134667	34.217	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	136093	33.498	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	120482	29.509	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	78445	26.925	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	70140	28.216	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	75594	28.476	ng/ul	93
43) 1,1'-Biphenyl	13.422	154	196349	30.787	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	163594	30.878	ng/ul	94
45) 2-Nitroaniline	13.686	65	46517	32.826	ng/ul	91
47) Dimethylphthalate	14.051	163	211072	31.308	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	40622	32.534	ng/ul	92
50) Acenaphthylene	14.310	152	229106	31.423	ng/ul	98
51) 3-Nitroaniline	14.510	138	30729	34.191	ng/ul	92
52) Acenaphthene	14.651	153	173784	32.022	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	31093	30.977	ng/ul	91
55) 4-Nitrophenol	14.810	109	47774	30.044	ng/ul	93
56) Dibenzofuran	14.986	168	255819	31.694	ng/ul	94
57) 2,4-Dinitrotoluene	14.963	165	59428	32.292	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.210	232	62912	27.067	ng/ul	99
59) Diethylphthalate	15.404	149	207441	32.822	ng/ul	97
61) Fluorene	15.633	166	225417	33.160	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.627	204	152640	31.912	ng/ul	92
63) 4-Nitroaniline	15.668	138	29051	39.206	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.721	198	46834	31.050	ng/ul	97
67) N-Nitrosodiphenylamine	15.845	169	188006	35.714	ng/ul	97
68) 4-Bromophenyl-phenylether	16.521	248	88241	33.540	ng/ul	96
69) Hexachlorobenzene	16.633	284	100777	32.814	ng/ul	95
70) Atrazine	16.792	200	34282	12.979	ng/ul	98
71) Pentachlorophenol	16.980	266	50330	25.619	ng/ul	92
72) Phenanthrene	17.374	178	334021	34.231	ng/ul	98
74) Anthracene	17.462	178	339162	33.193	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	117626	32.776	ng/uL	100
76) Pentachlorobenzene	14.904	250	116750	31.264	ng/uL	98
77) Carbazole	17.739	167	263766	29.739	ng/ul	98
78) Di-n-butylphthalate	18.286	149	301258	35.108	ng/ul	99
80) Fluoranthene	19.386	202	422282	36.670	ng/ul	99
82) Pyrene	19.745	202	431672	35.323	ng/ul	100
83) Butylbenzylphthalate	20.633	149	124728	35.384	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.427	252	153779	32.466	ng/ul	95
85) Benzo(a)anthracene	21.492	228	445540	32.620	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.403	149	171763	34.245	ng/ul	98
87) Chrysene	21.544	228	418693	33.119	ng/ul	100
89) Di-n-octyl phthalate	22.327	149	323976	29.442	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	561777	34.973	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	531814m	33.215	ng/ul	
93) Benzo(a)pyrene	23.809	252	501891	33.739	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.421	276	740263	31.482	ng/ul	98
95) Dibenzo(a,h)anthracene	26.432	278	654874	32.815	ng/ul	100
96) Benzo(g,h,i)perylene	27.191	276	626307	32.816	ng/ul	99

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

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