Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017897.D
Acq On : 02 Nov 2023 21:10
Operator : MA/JU
Sample : 05060-16MS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 00:49:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	165975	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.704	136	616931	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.575	164	347567	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	681759	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	550379	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	602428	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	8219	1.842	ng/uL	0.01
4) Pyridine-d5	3.728	84	5284m	0.452	ng/ul	0.04
7) Phenol-d5	7.040	99	155114	11.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	99895	11.711	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	130426	11.578	ng/ul	-0.01
15) 4-Methylphenol-d8	8.604	113	100308	9.248	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	64793	12.961	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.799	143	71066	12.866	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.328	165	131078m	12.098	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.881	131	99828	7.040	ng/ul	-0.01
46) Dimethylphthalate-d6	13.992	166	370408	12.695	ng/ul	-0.01
49) Acenaphthylene-d8	14.269	160	407282	12.517	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.828	143	40861	9.829	ng/ul	0.00
60) Fluorene-d10	15.581	176	317461	12.587	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.734	200	37384	8.325	ng/ul	0.00
73) Anthracene-d10	17.469	188	471317	13.528	ng/ul	0.00
81) Pyrene-d10	19.727	212	520461	15.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	449722	13.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	23925	5.056	ng/uL#	91
6) Benzaldehyde	7.040	77	133410	17.956	ng/ul	95
8) Phenol	7.069	94	216789	15.919	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.316	93	172379	15.172	ng/ul	96
12) 2-Chlorophenol	7.434	128	175411	15.504	ng/ul	98
13) 2-Methylphenol	8.328	108	126217	12.281	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	204501m	14.624	ng/ul	
16) Acetophenone	8.734	105	344003	20.174	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.699	70	122711	15.172	ng/ul	98
18) 4-Methylphenol	8.669	108	143641	13.161	ng/ul	96
19) Hexachloroethane	8.934	117	82062	15.785	ng/ul	90
22) Nitrobenzene	9.128	77	217920	17.507	ng/ul	98
23) Isophorone	9.640	82	381413	17.136	ng/ul	99
25) 2-Nitrophenol	9.828	139	95729	16.237	ng/ul#	86
26) 2,4-Dimethylphenol	9.875	107	47420	4.098	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.128	93	218437	15.867	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	160332	15.475	ng/ul	95
30) Naphthalene	10.757	128	552423	15.560	ng/ul	100
32) 4-Chloroaniline	10.910	127	139120	10.246	ng/ul	99
33) Hexachlorobutadiene	10.981	225	123571	14.689	ng/ul	97
34) Caprolactam	11.740	113	47245	17.709	ng/ul	97
35) 4-Chloro-3-methylphenol	12.022	107	162752	16.685	ng/ul	93
36) 2-Methylnaphthalene	12.375	142	370669	15.456	ng/ul	100
37) 1-Methylnaphthalene	12.598	142	363879	14.836	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.728	216	203802	15.846	ng/ul#	97
40) Hexachlorocyclopentadiene	12.669	237	28463	3.852	ng/ul	95
41) 2,4,6-Trichlorophenol	12.993	196	129718	16.806	ng/ul	96
42) 2,4,5-Trichlorophenol	13.069	196	141416	17.721	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	484546	16.922	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	386154	16.682	ng/ul	95
45) 2-Nitroaniline	13.698	65	114307	21.731	ng/ul	92
47) Dimethylphthalate	14.040	163	479486	16.674	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	97224	18.369	ng/ul	91
50) Acenaphthylene	14.298	152	607594	16.670	ng/ul	100
51) 3-Nitroaniline	14.539	138	76218	15.141	ng/ul	96
52) Acenaphthene	14.639	153	411498	16.701	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	25058	8.434	ng/ul	90
55) 4-Nitrophenol	14.845	109	79208	17.998	ng/ul#	83
56) Dibenzofuran	14.981	168	560321	16.197	ng/ul	90
57) 2,4-Dinitrotoluene	14.986	165	142304	18.217	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	112977	15.954	ng/ul#	88
59) Diethylphthalate	15.404	149	495375	17.842	ng/ul	99
61) Fluorene	15.639	166	468337	16.481	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	236067	15.630	ng/ul	91
63) 4-Nitroaniline	15.716	138	74559	16.421	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.745	198	55152	11.466	ng/ul#	81
67) N-Nitrosodiphenylamine	15.863	169	378878	18.344	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	139997	17.550	ng/ul#	86
69) Hexachlorobenzene	16.622	284	152480	16.650	ng/ul	90
70) Atrazine	16.828	200	143849	18.950	ng/ul	98
71) Pentachlorophenol	16.998	266	78357	14.232	ng/ul	99
72) Phenanthrene	17.410	178	714331	17.886	ng/ul	100
74) Anthracene	17.504	178	736965	18.219	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	203687	17.806	ng/uL	99
76) Pentachlorobenzene	14.869	250	193473	17.451	ng/uL	98
77) Carbazole	17.798	167	632080	18.489	ng/ul	97
78) Di-n-butylphthalate	18.310	149	839484	21.151	ng/ul	99
80) Fluoranthene	19.398	202	815321	20.565	ng/ul	99
82) Pyrene	19.757	202	835201	19.885	ng/ul	97
83) Butylbenzylphthalate	20.633	149	361811	25.045	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	116116	9.338	ng/ul#	98
85) Benzo(a)anthracene	21.498	228	778690	18.611	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.374	149	522909	25.930	ng/ul	98
87) Chrysene	21.557	228	735465	18.588	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	875487	22.943	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	774977	18.902	ng/ul	97
91) Benzo(k)fluoranthene	23.333	252	751730	18.091	ng/ul	99
93) Benzo(a)pyrene	23.962	252	690491	17.939	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	832583	18.149	ng/ul	97
95) Dibenzo(a,h)anthracene	26.827	278	675435	17.647	ng/ul	98
96) Benzo(g,h,i)perylene	27.656	276	656025	17.749	ng/ul	96

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

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