Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101923\
Data File : BP017732.D
Acq On : 19 Oct 2023 17:31
Operator : MA/JU
Sample : PB156373BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 20 01:07:29 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

Instrument :
BNA_P
ClientSampleId :
SLCS373

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	128183	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	508882	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	308052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	647412	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	580597	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	597351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	21963	6.374	ng/uL	0.00
4) Pyridine-d5	3.687	84	312673	34.659	ng/ul	0.00
7) Phenol-d5	7.052	99	372751	34.945	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	246891	37.478	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	314948	36.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	297703	35.540	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	146553	35.541	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	163879	35.969	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	293586	32.850	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	350526	29.969	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	889739	34.406	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1023875	35.503	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	138711	37.645	ng/ul	0.00
60) Fluorene-d10	15.592	176	756878	33.859	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	148947	34.928	ng/ul	0.00
73) Anthracene-d10	17.480	188	1161592	35.110	ng/ul	0.00
81) Pyrene-d10	19.739	212	1350216	37.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	1218608	36.627	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	43451	11.889	ng/uL	98
5) Pyridine	3.711	79	284099	30.737	ng/ul	96
6) Benzaldehyde	7.052	77	169153	29.479	ng/ul	98
8) Phenol	7.075	94	343341	32.645	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.328	93	281166	32.044	ng/ul	99
12) 2-Chlorophenol	7.440	128	280465	32.097	ng/ul	98
13) 2-Methylphenol	8.340	108	251811	31.725	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	338098m	31.305	ng/ul	
16) Acetophenone	8.746	105	423085	32.127	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	214180	34.288	ng/ul	98
18) 4-Methylphenol	8.675	108	272488	32.327	ng/ul	95
19) Hexachloroethane	8.952	117	129725	32.311	ng/ul	85
22) Nitrobenzene	9.140	77	349343	34.025	ng/ul	98
23) Isophorone	9.652	82	596823	32.507	ng/ul	98
25) 2-Nitrophenol	9.846	139	154917	31.855	ng/ul	91
26) 2,4-Dimethylphenol	9.887	107	273731	28.678	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.146	93	367303	32.346	ng/ul	100
29) 2,4-Dichlorophenol	10.369	162	259069	30.314	ng/ul	95
30) Naphthalene	10.775	128	879067	30.017	ng/ul	100
32) 4-Chloroaniline	10.922	127	269912	24.099	ng/ul	99
33) Hexachlorobutadiene	10.993	225	181341	26.133	ng/ul	98
34) Caprolactam	11.757	113	74512	33.860	ng/ul	99
35) 4-Chloro-3-methylphenol	12.034	107	274388	34.103	ng/ul	96
36) 2-Methylnaphthalene	12.387	142	582925	29.468	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	600596	29.688	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	316880	27.799	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	157847	24.103	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	174051	25.442	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	202180	28.586	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	779146	30.700	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	621304	30.284	ng/ul	98
45) 2-Nitroaniline	13.710	65	183939	39.454	ng/ul	93
47) Dimethylphthalate	14.051	163	788108	30.922	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	158792	33.850	ng/ul	95
50) Acenaphthylene	14.310	152	950589	29.426	ng/ul	100
51) 3-Nitroaniline	14.545	138	152448	34.169	ng/ul	98
52) Acenaphthene	14.651	153	666430	30.517	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	77407	29.395	ng/ul	87
55) 4-Nitrophenol	14.845	109	138566m	35.525	ng/ul	
56) Dibenzofuran	14.992	168	943833	30.783	ng/ul	95
57) 2,4-Dinitrotoluene	14.992	165	233975	33.794	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.216	232	135207	21.542	ng/ul#	92
59) Diethylphthalate	15.416	149	804262	32.683	ng/ul	98
61) Fluorene	15.645	166	773336	30.706	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	381055	28.466	ng/ul	93
63) 4-Nitroaniline	15.728	138	146095	36.304	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.751	198	132551	29.020	ng/ul	92
67) N-Nitrosodiphenylamine	15.869	169	646095	32.941	ng/ul	98
68) 4-Bromophenyl-phenylether	16.551	248	217038	28.652	ng/ul#	91
69) Hexachlorobenzene	16.628	284	234939	27.016	ng/ul#	86
70) Atrazine	16.833	200	241m	0.033	ng/ul	
71) Pentachlorophenol	17.004	266	89180	17.057	ng/ul	98
72) Phenanthrene	17.422	178	1222880	32.244	ng/ul	100
74) Anthracene	17.516	178	1219698	31.753	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	321734	29.618	ng/uL	98
76) Pentachlorobenzene	14.881	250	291488	27.687	ng/uL	99
77) Carbazole	17.810	167	1078041	33.207	ng/ul	98
78) Di-n-butylphthalate	18.316	149	1362343	36.146	ng/ul	99
80) Fluoranthene	19.404	202	1434222	34.293	ng/ul	96
82) Pyrene	19.763	202	1498357	33.817	ng/ul#	95
83) Butylbenzylphthalate	20.639	149	613157	40.235	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	411578	31.377	ng/ul#	98
85) Benzo(a)anthracene	21.504	228	1431669	32.436	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	894813	42.062	ng/ul	98
87) Chrysene	21.557	228	1342949	32.175	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1517319	40.101	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1367186	33.630	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1351020	32.790	ng/ul	99
93) Benzo(a)pyrene	23.962	252	1197418	31.374	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	1454333	31.972	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.815	278	1220889	32.168	ng/ul	97
96) Benzo(g,h,i)perylene	27.639	276	1184465	32.319	ng/ul#	96

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

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