Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020415.D
Acq On : 17 May 2024 08:39
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 17 22:44:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020656

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	71142	20.000	ng/ul	0.00
20) Naphthalene-d8	10.357	136	294322	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	218901	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.098	188	528288	20.000	ng/ul	-0.02
79) Chrysene-d12	21.610	240	556391	20.000	ng/ul	-0.02
88) Perylene-d12	24.951	264	627859	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13583	8.064	ng/uL	0.00
4) Pyridine-d5	3.599	84	86368	17.646	ng/ul	0.00
7) Phenol-d5	6.781	99	108041	17.684	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	65570	17.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	84456	19.337	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	88602	17.938	ng/ul	0.00
21) Nitrobenzene-d5	8.752	128	43239	19.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.463	143	47932	18.991	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	93898	20.387	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	122470	18.999	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	326530	20.427	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	342365	19.388	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	32387	13.182	ng/ul	0.00
60) Fluorene-d10	15.286	176	279077	20.931	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	59236	17.670	ng/ul	-0.02
73) Anthracene-d10	17.216	188	466839	20.427	ng/ul	-0.02
81) Pyrene-d10	19.622	212	582723	17.917	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.721	264	593938	19.565	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	15754	8.242	ng/uL	90
5) Pyridine	3.616	79	87280	17.630	ng/ul	94
6) Benzaldehyde	6.775	77	64325	20.946	ng/ul	98
8) Phenol	6.810	94	109874	17.424	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.040	93	90141	18.268	ng/ul	96
12) 2-Chlorophenol	7.163	128	91001	19.956	ng/ul	93
13) 2-Methylphenol	8.034	108	86723	18.437	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.110	45	110103	17.887	ng/ul	97
16) Acetophenone	8.416	105	150248	18.327	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.399	70	80711	18.142	ng/ul	92
18) 4-Methylphenol	8.369	108	94168	18.419	ng/ul	94
19) Hexachloroethane	8.628	117	41364	19.836	ng/ul	90
22) Nitrobenzene	8.793	77	118729	18.766	ng/ul	99
23) Isophorone	9.304	82	221386	18.197	ng/ul	99
25) 2-Nitrophenol	9.493	139	52459	20.066	ng/ul	91
26) 2,4-Dimethylphenol	9.551	107	110798	19.426	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.793	93	127362	18.883	ng/ul	98
29) 2,4-Dichlorophenol	10.028	162	93015	20.763	ng/ul	100
30) Naphthalene	10.410	128	309079	20.374	ng/ul	99
32) 4-Chloroaniline	10.551	127	120719	19.151	ng/ul	99
33) Hexachlorobutadiene	10.663	225	74496	21.409	ng/ul	96
34) Caprolactam	11.375	113	31685m	20.256	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	111558	20.000	ng/ul	97
36) 2-Methylnaphthalene	12.040	142	210226	19.916	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	217077	20.437	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	131837	19.311	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	46048	12.402	ng/ul	98
41) 2,4,6-Trichlorophenol	12.675	196	83846	19.584	ng/ul	100
42) 2,4,5-Trichlorophenol	12.763	196	86712	18.822	ng/ul	95
43) 1,1'-Biphenyl	13.075	154	293827	18.978	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	239102	19.462	ng/ul	98
45) 2-Nitroaniline	13.363	65	71871	17.636	ng/ul	96
47) Dimethylphthalate	13.728	163	329285	20.393	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	64808	20.190	ng/ul	93
50) Acenaphthylene	13.981	152	395694	19.922	ng/ul	99
51) 3-Nitroaniline	14.216	138	53986	18.032	ng/ul	96
52) Acenaphthene	14.334	153	263846	19.768	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	27960	14.191	ng/ul	92
55) 4-Nitrophenol	14.557	109	54575m	21.336	ng/ul	
56) Dibenzofuran	14.681	168	380305	20.717	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	104504	22.644	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.922	232	91006	21.999	ng/ul	93
59) Diethylphthalate	15.128	149	339459	21.061	ng/ul	99
61) Fluorene	15.345	166	318323	20.870	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	171890	21.242	ng/ul	92
63) 4-Nitroaniline	15.422	138	54678m	21.915	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	62849	17.979	ng/ul	98
67) N-Nitrosodiphenylamine	15.581	169	273285	18.579	ng/ul	100
68) 4-Bromophenyl-phenylether	16.275	248	113210	19.784	ng/ul	98
69) Hexachlorobenzene	16.375	284	134476	20.290	ng/ul	98
70) Atrazine	16.581	200	96966	18.591	ng/ul	98
71) Pentachlorophenol	16.751	266	74285	18.543	ng/ul	97
72) Phenanthrene	17.145	178	545532	20.240	ng/ul	99
74) Anthracene	17.251	178	548834	20.020	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	139017	17.706	ng/uL	97
76) Pentachlorobenzene	14.592	250	146807	18.685	ng/uL	99
77) Carbazole	17.557	167	484974	20.535	ng/ul	98
78) Di-n-butylphthalate	18.145	149	608404	21.253	ng/ul	100
80) Fluoranthene	19.274	202	684426	17.881	ng/ul	98
82) Pyrene	19.651	202	703959	17.676	ng/ul	99
83) Butylbenzylphthalate	20.621	149	277420	18.351	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.527	252	229003	20.223	ng/ul	100
85) Benzo(a)anthracene	21.586	228	739798	19.604	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	417688	19.152	ng/ul	97
87) Chrysene	21.657	228	701767	20.064	ng/ul	99
89) Di-n-octyl phthalate	22.815	149	693534	17.248	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	719500	19.264	ng/ul	98
91) Benzo(k)fluoranthene	23.962	252	756257	19.869	ng/ul	99
93) Benzo(a)pyrene	24.792	252	700009	19.698	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.756	276	836086	19.192	ng/ul	96
95) Dibenzo(a,h)anthracene	28.815	278	696520	19.330	ng/ul	98
96) Benzo(g,h,i)perylene	29.945	276	681716m	19.402	ng/ul	

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

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